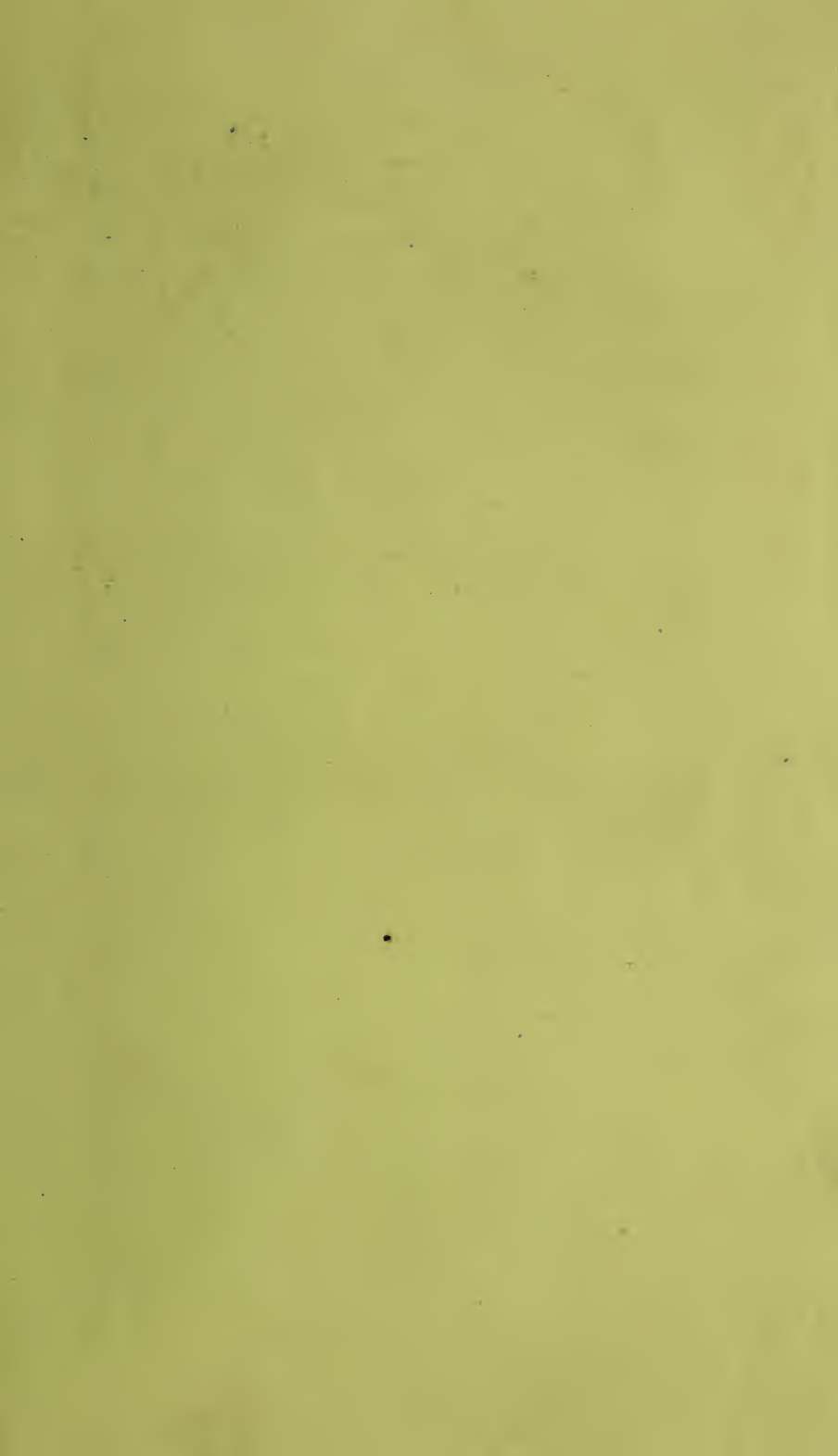
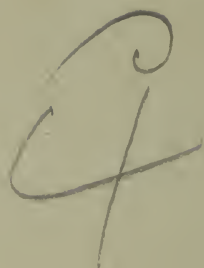




27, 929/B



A handwritten symbol in dark ink, resembling a stylized letter 'F' or '7' with a decorative loop at the top. The symbol is centered on the page.



74345

TABLES  
OF  
SPECIFIC GRAVITIES OF ALL SUBSTANCES,  
THEIR SUPERFICIAL AND SOLID CONTENTS;  
**Land Measuring;**  
TOGETHER WITH  
A COMPUTATION OF THE DIFFERENCE BETWEEN  
THE  
OLD AND NEW WEIGHTS AND MEASURES;  
ALSO  
A DEFINITION OF MECHANICAL POWER  
IN THE  
PRACTICAL USE OF MACHINERY;  
THE PRICES OF THE WORK OF MILLWRIGHTS  
AND OTHER ARTIFICERS;  
WITH  
TABLES OF INTEREST, DISCOUNT, ETC.

---

NEW EDITION.

---

BY JAMES HAVILAND.

LONDON:  
JOHN WEALE, 59, HIGH HOLBORN.

---

1846.



## PREFACE.

---

AT a time when the Commerce, Manufactures, and increase of Buildings in the Metropolis and all our trading and other considerable cities and towns exceed any former period of history, a multiplied population must universally be admitted the cause; and an additional excitement to industry, emulation, and invention, is the natural consequence.

Hence spring up improvements in architecture, new projects of commercial enterprise, speculations in every description of trade and mechanical operations; hence facilities are sought after to promote and bring to effect the general convenience and good of the community.

Thus far this statement occasions the necessity for improvement and invention, commensurate with the increase of population, to suit the accommodation to the general wants, but at the same time to furnish new ideas and resources, beyond what was absolutely necessary, in order to afford employment to the inventors of them, and also to contribute to the general comfort and satisfaction of all classes and ranks in society.

The author of this Work, with due deference, presumes upon these principles to offer his humble labours to the notice and protection of the still rising genius of our happy and prosperous country. If the most sedulous application—long practical experience—and great care to check and verify all his calculations—and the reduction of them into a more compendious method than has hitherto been commonly used, can give him pretension to public favour, he has a well grounded hope that this book will meet the approval and recommendation of all who may adopt its use in their several callings or avocations.

He has the gratification to be enabled to lay before the public a flattering testimony of its utility from three of the Surveyors of his Majesty's

Navy, upon presenting to them a manuscript copy of one of his former editions, under a different title, in the following words :

“ Having examined a work in manuscript for measuring of Timber, &c. submitted to us by MR. JAMES HAVILAND, we are of opinion that it possesses much merit, and is likely to be useful in his Majesty’s service.

Dated, “ 25th November, 1819.”

(Signed)

“ H. PEAKE,

J. TUCKER,

R. SEPPINGS,

}  
}  
}

SURVEYORS OF HIS  
MAJESTY’S NAVY.”

The Tables here given, which comprehend several calculations not in the former editions, are adapted to the true and speedy admeasurement and valuation of Timber, Stone, Packages, and other Solids, either of regular or irregular dimensions ; likewise of all manner of Superficies, as Board, Glass, Painting, Plastering, Masonry, &c. Calculations are also given of the different Standards of all sorts of Deals, applicable to all parts of the United Kingdom.

These Tables will be found extensively useful to Merchants, Planters, Captains of Ships, and Landed Proprietors, as affording prompt means of estimating the quantum and value of manual labour, and of ascertaining the contents and specific gravity, by measurement, of Timber and other merchandize, for purchase, sale, or carriage by land or water conveyance. They may also obtain a favourable acceptance with all persons concerned in the mechanic arts, in ship-building, architecture, engineers’ and mill-wrights’ work, and all the subservient operations, such as masonry, flooring, plastering, glazing, painting, &c. ; and therefore it is hoped will be found a most useful collection of information to all who may be engaged in any species of erection or alteration of buildings or commercial occupations.

LONDON, Jan. 1, 1826.

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TABLE OF THE CIRCUMFERENCES OF TREES.

The following Tables consist of four columns : the first is the circumference of Trees with the Bark on ; the second with the Bark off ; the third and fourth columns contain the fourth part or Quarter Girt.

Circumf. on the Bark.	Circumf. off the Bark.	Quarter Girt. Oak, Elm	Qu <sup>r</sup> Girt. Ash, Beech.	Circumf. on the Bark.	Circumf. off the Bark.	Quarter Girt. Oak, Elm	Qu <sup>r</sup> Girt. Ash, Beech.
F. I.	F. I.	I. Q.	I. Q.	F. I.	F. I.	I. Q.	I. Q.
2 1	1 11	5 $\frac{3}{4}$	6	6 6	5 11	17 $\frac{3}{4}$	18 $\frac{1}{2}$
2 2	2 0	6	6 $\frac{1}{4}$	6 7	6 0	18	18 $\frac{1}{4}$
2 3	2 1	6 $\frac{1}{4}$	6 $\frac{1}{2}$	6 8	6 1	18 $\frac{1}{4}$	19
2 4	2 2	6 $\frac{1}{2}$	6 $\frac{3}{4}$	6 9	6 2	18 $\frac{1}{2}$	19 $\frac{1}{4}$
2 5	2 3	6 $\frac{3}{4}$	7	6 10	6 3	18 $\frac{3}{4}$	19 $\frac{1}{2}$
2 6	2 3	6 $\frac{3}{4}$	7 $\frac{1}{4}$	6 11	6 4	19	19 $\frac{1}{4}$
2 7	2 4	7	7 $\frac{1}{2}$	7 0	6 5	19 $\frac{1}{4}$	20
2 8	2 5	7 $\frac{1}{4}$	7 $\frac{3}{4}$	7 1	6 6	19 $\frac{1}{2}$	20 $\frac{1}{4}$
2 9	2 6	7 $\frac{1}{2}$	8	7 2	6 7	19 $\frac{3}{4}$	20 $\frac{1}{2}$
2 10	2 7	7 $\frac{3}{4}$	8 $\frac{1}{4}$	7 3	6 8	20	20 $\frac{1}{4}$
2 11	2 8	8	8 $\frac{1}{2}$	7 4	6 9	20 $\frac{1}{4}$	21
3 0	2 9	8 $\frac{1}{4}$	8 $\frac{3}{4}$	7 5	6 10	20 $\frac{1}{2}$	21 $\frac{1}{4}$
3 1	2 10	8 $\frac{1}{2}$	9	7 6	6 11	20 $\frac{3}{4}$	21 $\frac{1}{2}$
3 2	2 11	8 $\frac{3}{4}$	9 $\frac{1}{4}$	7 7	7 0	21	21 $\frac{1}{4}$
3 3	3 0	9	9 $\frac{1}{2}$	7 8	7 1	21 $\frac{1}{4}$	22
3 4	3 1	9 $\frac{1}{4}$	9 $\frac{3}{4}$	7 9	7 2	21 $\frac{1}{2}$	22 $\frac{1}{4}$
3 5	3 1	9 $\frac{1}{2}$	10	7 10	7 3	21 $\frac{3}{4}$	22 $\frac{1}{2}$
3 6	3 2	9 $\frac{3}{4}$	10 $\frac{1}{4}$	7 11	7 4	22	22 $\frac{1}{4}$
3 7	3 3	10	10 $\frac{1}{2}$	8 0	7 5	22 $\frac{1}{4}$	23
3 8	3 4	10 $\frac{1}{4}$	10 $\frac{3}{4}$	8 1	7 6	22 $\frac{1}{2}$	23 $\frac{1}{4}$
3 9	3 5	10 $\frac{1}{2}$	11	8 2	7 7	22 $\frac{3}{4}$	23 $\frac{1}{2}$
3 10	3 6	10 $\frac{3}{4}$	11 $\frac{1}{4}$	8 3	7 8	23	24
3 11	3 7	11	11 $\frac{1}{2}$	8 4	7 9	23 $\frac{1}{4}$	24 $\frac{1}{4}$
4 0	3 8	11 $\frac{1}{4}$	11 $\frac{3}{4}$	8 5	7 10	23 $\frac{1}{2}$	24 $\frac{1}{2}$
4 1	3 9	11 $\frac{1}{2}$	12	8 6	7 11	23 $\frac{3}{4}$	24 $\frac{3}{4}$
4 2	3 10	11 $\frac{3}{4}$	12 $\frac{1}{4}$	8 7	8 0	24	25
4 3	3 11	12	12 $\frac{1}{2}$	8 8	8 1	24 $\frac{1}{4}$	25 $\frac{1}{4}$
4 4	4 0	12 $\frac{1}{4}$	12 $\frac{3}{4}$	8 9	8 2	24 $\frac{1}{2}$	25 $\frac{1}{2}$
4 5	4 0	12 $\frac{1}{2}$	13	8 10	8 3	24 $\frac{3}{4}$	25 $\frac{3}{4}$
4 6	4 1	12 $\frac{3}{4}$	13 $\frac{1}{4}$	8 11	8 4	25	26
4 7	4 2	13	13 $\frac{1}{2}$	9 0	8 5	25 $\frac{1}{4}$	26 $\frac{1}{4}$
4 8	4 3	13 $\frac{1}{4}$	13 $\frac{3}{4}$	9 1	8 6	25 $\frac{1}{2}$	26 $\frac{1}{2}$
4 9	4 4	13 $\frac{1}{2}$	14	9 2	8 7	25 $\frac{3}{4}$	26 $\frac{3}{4}$
4 10	4 5	13 $\frac{3}{4}$	14 $\frac{1}{4}$	9 3	8 8	26	27
4 11	4 6	14	14 $\frac{1}{2}$	9 4	8 9	26 $\frac{1}{4}$	27 $\frac{1}{4}$
5 0	4 7	14 $\frac{1}{4}$	14 $\frac{3}{4}$	9 5	8 10	26 $\frac{1}{2}$	27 $\frac{1}{2}$
5 1	4 8	14 $\frac{1}{2}$	15	9 6	8 11	26 $\frac{3}{4}$	27 $\frac{3}{4}$
5 2	4 9	14 $\frac{3}{4}$	15 $\frac{1}{4}$	9 7	9 0	27	28
5 3	4 10	15	15 $\frac{1}{2}$	9 8	9 1	27 $\frac{1}{4}$	28 $\frac{1}{4}$
5 4	4 11	15 $\frac{1}{4}$	15 $\frac{3}{4}$	9 9	9 2	27 $\frac{1}{2}$	28 $\frac{1}{2}$
5 5	5 0	15 $\frac{1}{2}$	16	9 10	9 3	27 $\frac{3}{4}$	28 $\frac{3}{4}$
5 6	5 1	15 $\frac{3}{4}$	16 $\frac{1}{4}$	9 11	9 4	28	29
5 7	5 2	16	16 $\frac{1}{2}$	10 0	9 5	28 $\frac{1}{4}$	29 $\frac{1}{4}$
5 8	5 3	16 $\frac{1}{4}$	16 $\frac{3}{4}$	10 1	9 6	28 $\frac{1}{2}$	29 $\frac{1}{2}$
5 9	5 4	16 $\frac{1}{2}$	17	10 2	9 7	28 $\frac{3}{4}$	29 $\frac{3}{4}$
5 10	5 5	16 $\frac{3}{4}$	17 $\frac{1}{4}$	10 3	9 8	29	30
5 11	5 6	17	17 $\frac{1}{2}$	10 4	9 9	29 $\frac{1}{4}$	30 $\frac{1}{4}$
6 0	5 7	17 $\frac{1}{4}$	17 $\frac{3}{4}$	10 5	9 10	29 $\frac{1}{2}$	30 $\frac{1}{2}$
6 1	5 8	17 $\frac{1}{2}$	18	10 6	9 11	29 $\frac{3}{4}$	31
6 2	5 9	17 $\frac{3}{4}$	18 $\frac{1}{4}$	10 7			
6 3	5 10	18	18 $\frac{1}{2}$	10 8			
6 4	5 11	18 $\frac{1}{4}$	18 $\frac{3}{4}$	10 9			
6 5	6 0	18 $\frac{1}{2}$	19	10 10			

**EXAMPLES**  
**TO ILLUSTRATE THE TABLES**  
**FOR**  
**THE TRUE AND SPEEDY ADMEASUREMENT OF SOLIDS AND**  
**SUPERFICIES.**

---

**SOLIDS.**

**EXAMPLE I.**

To find the Solid Content of a piece of Timber, the side of the square or quarter girt being 21 Inches, and the length 30 Feet:

Look at the top of the Table of Cube Measure, page 17, for Girt, 21 Inches, trace down the left hand column for 30 Feet, the length opposite to which is 91 Feet, 10 Inches, and 6 Parts, the solid content.

---

**EXAMPLE II.**

To find the Solid Content of an Elm Tree, the length being 35 Feet, and the circumference, with the bark on, 8 Feet:

Look on the last page, in the Table of Circumferences with the Bark on, for 8 Feet, down the left hand column, in the next, opposite you will find 7 Feet, 4 Inches, which is the circumference, with the allowance of an inch to the foot for the Bark, and in the third column you will find 22 Inches, the quarter part or Girt; then look in the Table of Cube Measure, page 18, for Girt 22 Inches, and opposite 35 Feet in length, is 117 Feet, 7 Inches, and 8 Parts, the solid content required.

---

**EXAMPLE III.**

To find the Solid Content of a naked Tree whose length is 30 Feet, and circumference 5 Feet, 8 Inches:

Look in the Table of Circumferences for 5 Feet, 8 Inches off the Bark, in the next column on the right you will find 17 Inches the quarter girt; then look in page 13, under 17 Inches, and opposite 30 Feet in length, you will find 60 Feet, 2 Inches, and 6 Parts, the content required.

---

**EXAMPLE IV.**

To find the Solid Content of a Log of Mahogany, 18 Feet, 6 Inches long, 24½ Inches thick, and 28 Inches broad:

Look in the Table of Unequal Sides for 24½ Inches by 28 Inches, against which will be found 686 Area; then look at the top of the Table of Solid and Superficial Measure for Area 686, under which and opposite to 18 Feet in

	F.	I.	P.
length is.....	85	9	0.
Opposite to 6 Inches in length is...	2	4	7.

The content of the Log 88    1    7

---

## EXAMPLE V.

To find the Solid Content of a Log of Mahogany  $23\frac{1}{2}$  Inches broad,  $26\frac{1}{2}$  Inches thick, and 17 Feet long :

In the Table of Unequal Sides, the area of  $23\frac{1}{2}$  by  $26\frac{1}{2}$  Inches, is  $622\frac{3}{4}$ . Look at the top of the Table of Solid and Superficial Measure for Area  $622\frac{3}{4}$ ; under which, and against 17 Feet in length, stands 73 Feet, 5 Inches, and 2 Parts : then look in the first page of the same Table for Area  $\frac{3}{4}$  Inches ; under which, and against 17 Feet in length, 8 and 9 making 17, stands 1 Inch, 9 Seconds. The two results added together, give the solid content of the Log.—Thus,

F.	I.	P.
73	5	2
	1	0
		9
<hr/>		
73	6	2
		9

By regarding the Fractions in the Areas, the content of any solid is found to a second; but this nicety will seldom or never be required in practice. The Fractions, therefore, had better not be regarded.

## EXAMPLE VI.

To find the Solid Content of a Block of Marble 40 Inches thick, 50 Inches broad, and 7 Feet 6 Inches long :

As 40 Inches by 50 is beyond the extent of the Table of Unequal Sides, take half of each of them, which is 20 and 25 ; then look in the Table of Unequal Sides for 20 by 25, page 41, and against that is 500 "Area." Then under Area 500, page 130, in the Table of Solid and Superficial Measure, and opposite to 30 Feet in length (four times 7 Feet 6 Inches), is the solid content required; viz. 104 Feet, 2 Inches.

## EXAMPLE VII.

To find the Solid Content of 240 Pipe Staves, each being 2 Inches thick, 4 Inches broad, and 5 Feet long :

2	4	5
8	5	6
<hr/>		
16	20	30

In the Table of Unequal Sides, page 39, the Area of 16 by 20 is 320 ; under which, page 100, in the Table of Solid and Superficial Measure, and against 30 Feet in length, stands 66 Feet, 8 Inches ; the solid content required.

## EXAMPLE VIII.

To find the Solid Content of 663 running Feet of  $2\frac{1}{2}$ -Inch Plank, the breadth being 14 Inches :

The Area of  $2\frac{1}{2}$  Inches by 14, found in the Table of Unequal Sides, is 35 ; against which number of Feet in length, in the Table of Solid and Superficial Measure, and under Area 663, stands 161 Feet, 1 Inch, and 9 Parts ; the solid content of the Planks.



## EXAMPLE IX.

To find the Solid Content of three pieces of Ten Inch thick stuff, each measuring 28 Feet in length and 22 Inches broad.

In the Table of Unequal Sides the Area of 3 by 10 is 30, and of 22 by 30 is 660; under which, in the Table of Solid and Superficial Measure, and opposite to 28 Feet in length, is 128 Feet 4 Inches, the solid content required.

## EXAMPLE X.

To find the Solid Content of 18 Inch Boards, each being 23 Inches broad and 24 Feet long :

The Area of 18 by 23 is 414, under which in the Table of Solid and Superficial Measure, and against 24 Feet in length, stands 69 Feet, the solid content of the Board.

## EXAMPLE XI.

To find the Solid Content of a piece of unequal sided Timber, 8 Inches broad by 11 Inches deep, and 18 Feet in length, and its amount at 6s. per Foot Cube, and what it will be per Foot run, and the amount that way :

Look in the Table of Unequal Sides for 8 by 11, against which you will find 88 the Area; then turn to Area 88 in the Table of Solid and Superficial Measure, against 18 Feet in length you will find 11 Feet, and against 6 Feet in length you will find 3 Feet 8 Inches, which will answer for 3s. 8d. in money; the amount per Foot run will amount to this :—

	£	s.	d.
11 Cube Feet, at 6s. per Foot, Area 432, 22 Feet long 3s. ....	3	6	0
18 Feet long, .. per Foot run, Area 528, ..... at 3s. 8d.	3	6	0
	the Answer.		

## EXAMPLE XII.

To find the Solid Content in 716 Superficial Feet of  $\frac{1}{2}$  Inch,  $\frac{3}{4}$  Inch, Inch, and  $1\frac{1}{4}$  Inch Board :

			F.	I.	P.
Half Inch.....	} Board ;	{ 6 }	Feet in	29	10 0
Three quarter Inch				44	9 0
Inch .....				59	8 0
Inch and quarter..				74	7 0
	against	{ 15 }	length is	208	10 0

208 Feet 10 Inches of Timber, divided by 50, gives 4 Loads 8 Feet and 10 Inches. Suppose the price to be 7l. 10s. per Load : the Area against that price in the Scale of Prices is 432; under Area 432, in the Table of Solid and Superficial Measure, and against 8 Feet in length, is 24 Feet, and against 10 Inches in length is 2 Feet 6 Inches, which, supposing the Feet, Inches, and Parts to answer respectively for Shillings, Pence, and Twelfth Parts of a Penny, makes for the 24 Feet, 24 Shillings, and for the 10 Inches, 2 Shillings and 6 Pence, their value at 7l. 10s. per Load, and 4 Loads at that price is 30l.; added together they stand thus :

	£	s.	d.		£	s.	d.
8 Feet.... at 7 10 0 per Load.....	1	4	0				
10 Inches.. at 7 10 0 per Load.....	0	2	6				
4 Loads .. at 7 10 0 per Load.....	30	0	0				
	The amount ..			£	31	6	6

### EXAMPLE XIII.

To find the Cube Content of 14 Joists, each 21 Feet in length,  $2\frac{1}{2}$  Inches thick by 10 Inches broad, and 18 pieces of Partition, quarter each, 11 Feet long, cut  $2\frac{1}{2}$  by 4: and the amount at 3s. per Foot Cube:

Look in the Table of Unequal Sides for

14 by 21, against it will be 294 the length,  
11 by 18, ..... will be 198 the length;

then look in the Table of Solid and Superficial Measure for

		F.	I.	P.
Area 294 ....	$2\frac{1}{2}$ by 10 is 25; against 25 is ..	51	0	6
Area 198 ....	$2\frac{1}{2}$ by 4 is 10; against 10 is ..	13	9	0
		<hr/>	<hr/>	<hr/>
		64	9	6

	£	s.	d.
Area 432 is 3s. per Foot ..	32 Feet is 4	16	0
	32 Feet is 4	16	0
	9 In. 0	2	3
	6 pts. 0	0	$1\frac{1}{2}$

£9 14  $4\frac{1}{2}$  the Answer.

### SUPERFICIES.

#### EXAMPLE I.

To find the Content of a Board 2 Feet 3 Inches broad and 15 Feet long:

Look at the head of the Table of Solid and Superficial Measure for 2 3 0 (2 Feet 3 Inches, the breadth,) in the first line of figures under the F. I. P. Area 324, and having found that, glance down the left-hand column for 15 Feet in length, against which stands the Content of the Board, viz. 33 Feet 9 Inches.

#### EXAMPLE II.

To find the Superficial Content of a Lot of Boards, whose several breadths amount to 9 Feet 6 Inches, and their length 17 Feet:

Look at the head of the Table of Solid and Superficial Measure for 4 Feet 9 Inches, Area 684 (half of 9 Feet 6 Inches), in the first row of figures under the F. I. P., then glance your eye down the left-hand column for 34 Feet in length, double 17 Feet, against which stands the Content of the Boards, being 161 Feet 6 Inches.

#### EXAMPLE III.

To find the Content of a Square of Glass, 1 Foot 4 Inches and 6 Parts in length, and 10 Inches in width:

Look for 1 4 6 (1 Foot 4 Inches and 6 Parts) in the first row of figures under the F. I. P.; against 10 Inches in length is 1 Foot 1 Inch and 9 Parts, the Content of the Square. Suppose you charge 2s. 4d. per Foot; look in the first row of figures under the F. I. P. for 1 1 9 (1 Foot 1 Inch and 9 Parts), opposite 28 Feet in length you will find 32 1 0, which stands for 2  $8\frac{1}{2}$  of a farthing.

## EXAMPLE IV.

To find the Content of 30 Squares of Glass, each measuring 2 Feet by 1 Foot 6 Inches and 3 Parts :

Look for 1 Foot 6 Inches and 3 Parts in the first row of figures under the F. I. P. Area 219; against 2 Feet in length is the content of one Square, viz. 3 Feet and 6 parts of an Inch; then look in the first row of figures under the F. I. P. Area 438, for 3 0 6 (3 Feet and 6 Parts of an Inch), and against 30 Feet in length stands 91 Feet 3 Inches, the Content of the 30 Squares.

## EXAMPLE V.

To find the Content of 600 Squares of Glass 6 by 4 Inches, 480 Squares 6 by 5 Inches, and 450 Squares 8 by 4 Inches :

6 by 4 is 24 .... 600 Squares against 24, Area 600, is 100 Feet.  
 6 by 5 is 30 .... 480 Squares against 30, Area 480, is 100 Feet.  
 8 by 4 is 32 .... 450 Squares against 32, Area 450, is 100 Feet.

The Answer 300 Feet.

## EXAMPLE VI.

To find the Content of a Sash measuring 10 Feet 9 Inches long by 3 Feet 4 Inches and 6 Parts broad :

In the first line of figures under the F. I. P., Area 486, find 3 Feet 4 Inches and 6 Parts ;

	F.	I.	P.
Against 10 Feet in length is .....	33	9	0
Against 9 Inches in length is .....	2	6	4.6

The Content of the Sash 36 3 4.6

## EXAMPLE VII.

To find the Content of a piece of Painting 9 Feet 10 Inches broad, and 17 Feet 6 Inches long :

Look for 4 Feet 11 Inches (half 9 Feet 10 Inches) in the first line of figures under the F. I. P., Area 708; then against 35 Feet in length (double 17 Feet 6 Inches) is 172 Feet 1 Inch, the Content required.

## EXAMPLE VIII.

If a Sack of Flour weighing 280 lbs. cost 2*l.* 12*s.* 6*d.* what will a Stone of 14 lbs. amount to?

Look in the Table of Solid and Superficial Measure for Area 280, and against 27 Feet in length you will find 52 6 0, which answers for 2*l.* 12*s.* 6*d.*, the cost of the Sack of Flour; then look back to Area 14, and against the same length, 27, you will find 2 7 6, which answers for 2*s.* 7½*d.* the Answer.

## EXAMPLE IX.

If 112 lbs. of Lead cost 23s. 4d. what will 693 lbs. amount to, and what is it per lb.?

Look in the Table of Solid and Superficial Measure for Area 112, and against 30 Feet in length you will find 23s. 4d.; then look forward for Area 693, against 30 in length you will find 144 4 6, which answers for 7l. 4s. 4½d., and being opposite to 30, answers for 2½d. per lb. Every 3 in length goes for a Farthing.

## EXAMPLE X.

If a pair of sawyers cut up a piece of Memel Timber, 25 Feet long, into Inch Board, that will produce 18 Feet of Line, what will the measure be, and the amount of the sawing at 3s. 6d. per 100 Feet?

Look in the Table of Unequal Sides for 18 by 25, against which you will find 450 Feet, the Sawing; then look in the Table of Solid and Superficial Measure, Area 504, under the F. I. P. is 3s. 6d.; the amount will be thus:

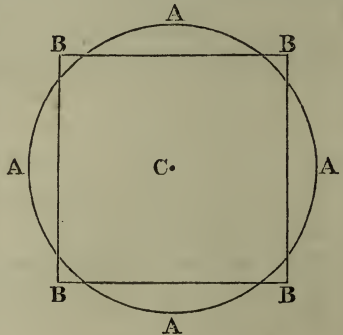
	£	s.	d.
Against 4 Feet in length for 400 is .....	0	14	0
Against 6 Inches do. for 50 is .....	0	1	9
The Answer 450 Feet....	0	15	9

## EXAMPLE XI.

A new and easy Geometrical Definition of the difference between the Solid Content of the Cylinder and Parallelopiped; proved by Pen.

## DEMONSTRATION.

Having a Cylinder whose Circumference at the base is 48 Inches, the Diameter is 15.2788, the semi-diameter must be 7.6394. From any scale of equal parts take off, therefore, with your compass 7.6 and from C, the centre, describe the circle A A A A, whose circumference will then be 48. Then from the same scale take off 12, and make this the side of a Square; then complete the Square B B B B, whose perimeter will also be 48 Inches. Now supposing this Square to be laid upon the Circle, does it not evidently appear, by the figure itself, that the Area or Superficial Content of the Circle is larger than the Square. For though the Square hangs over the Circle at the points B B B B, yet the 4 Areas or segments of the Circle A A A A, are each of them larger than the former. Consequently, therefore, the Area of a Circle is larger than the Area of a Square whose perimeter is equal to the circumference of the Circle; and if the Superficial Content be greater, it is out of dispute that the Solid Content is also greater.



This is a plain demonstration, and it is much the easiest way; for such as are ignorant of the Square and Cube Root only think you are imposing upon them when you work such questions at large; but here they are convinced directly. Yet will pretended measurers affirm that, take a round piece of Timber, and let 4 slabs be sawed off it, and even then it will contain more Solid Feet than it did before: the English of which is, If I give you twopence out of a shilling, I shall then have fourteenpence in hand.



## MILLWRIGHTS' WORK.

Patterns for Wheels all above 18 Inches diameter.				Diam. of Bearing in Inches.	Per Inch Superf. Collar included.	Per Inch in length, between Collars included.	Per Bearing, the length equal to the diam <sup>r</sup> .
viz.		£	s. d.				
Width of Cog	1 In. per Foot diam.	1	18	0			
2	.....	2	2	0			
3	.....	2	4	0			
4	.....	2	8	0			
5	.....	2	14	0			
6	.....	3	0	0			
7	.....	3	8	0			
8	.....	4	0	0			
9	.....	4	16	0			
10	.....	5	5	0			
All Patterns under 18 Inches to be charged extra.							
For Rigger Wheels to be charged less than Wheels, per Foot ..				0	8	0	
For Ratchet Wheels .....				0	8	0	
Wheels of Cast Iron, Tooth and Mortise greased, pitched, chipped and fitted, the Pattern included.				Size of Shaft, Square.	Weight per Foot run.	Per lb., 2 Bearings broad, Patterns included.	
Width in Inches.	The Cog per Foot diameter.	Width in Inches.	The Cog per Foot diameter.			Inches.	lbs.
	£ s. d.		£ s. d.				
2	4 0 0	8½	10 17 6	2	12½	5½	
2¼	4 5 0	8½	11 5 0	2½	19½	5	
2½	4 10 0	8¾	11 12 6	3	28	4½	
2¾	4 15 0	9	12 0 0	3½	38¼	4½	
3	5 0 0	9¼	12 5 0	4	50	4½	
3¼	5 5 0	9½	12 10 0	4½	63	4	
3½	5 10 0	9¾	12 15 0	5	78	4	
3¾	5 15 0	10	13 0 0	5½	94	4	
4	6 0 0	10¼	13 5 0	6	112	4	
4¼	6 7 6	10½	13 10 0	6½	132	3¾	
4½	6 15 0	10¾	13 15 0	7	153	3¾	
4¾	7 2 6	11	14 0 0	7½	175	3¾	
5	7 10 0	11½	14 10 0	8	200	3¾	
5¼	7 12 6	11¾	15 0 0	8½	225	3¾	
5½	7 15 0	11¾	15 10 0	9	252	3¾	
5¾	7 17 6	12	16 0 0	9½	280	3¾	
6	8 0 0	12¼	17 0 0	10	312	3¾	
6¼	8 5 0	12½	18 0 0				
6½	8 10 0	12¾	19 0 0				
6¾	8 15 0	13	20 0 0				
7	9 0 0	13¼	20 10 0				
7¼	9 7 6	13½	21 0 0				
7½	9 15 0	13¾	21 10 0				
7¾	10 2 6	14	22 0 0				
8	10 10 0						

Round Shafts, with the parts turned to receive Wheels, &c. in addition to two Bearings, from 5d. to 6d. per lb.

SHAFTS OF WOOD.

	£	s.	d.
Elm of all sizes, per Foot cube.	0	8	0
Fir ditto.....ditto....	0	7	0
Oak, 18 Inches diameter, and under .....	0	9	0
Do. 2 Feet diameter.....	0	12	0

The above include mortising and letting in the Gudgeons.

The size of the Shaft to be measured in the largest place.

## WHEELS.—OVERSHOT ALL OF IRON.

Power.		£	s.	d.
6 Horses....	A Wheel 20 Feet diameter and 2 Feet wide.....	340	0	0
8 .....	24 .....	400	0	0
10 .....	28 .....	460	0	0
12 .....	32 .....	530	0	0
	A Wheel 2 Feet wide, ..... Per Foot, diameter .....	16	16	0
	2 .... 3 Inches wide .....	18	18	0
	2 .... 6 .....	21	0	0
	2 .... 9 .....	23	2	0
	3 .... 0 .....	25	4	0
	3 .... 3 .....	27	6	0
	3 .... 6 .....	29	8	0
	3 .... 9 .....	31	10	0
	4 .... 0 .....	33	12	0

And £2 2s. for every 3 Inches more in width.

## THE MILLWRIGHT'S TABLE FOR WATER WHEELS.

Height of the fall of Water.	Velocity of the Fall of Water per Second.		Velocity of the Wheel per Second.		Revolutions of the Wheel per Minute.	
	Feet.	100th part of a Foot.	Feet.	100th part of a Foot.	Revolutions.	100th part of Revolutions.
1	8	02	2	67	2	83
2	11	34	3	78	4	00
3	13	89	4	63	4	91
4	16	04	5	35	5	67
5	17	93	5	98	6	34
6	19	64	6	55	6	94
7	21	21	7	07	7	50
8	22	68	7	56	8	02
9	24	05	8	02	8	51
10	25	35	8	45	8	97
11	26	59	8	86	9	40
12	27	27	9	26	9	82
13	28	91	9	64	10	22
14	30	00	10	00	10	60
15	31	05	10	35	10	99
16	32	07	10	09	11	34
17	33	06	11	02	11	70
18	34	02	11	34	12	02
19	34	95	11	65	12	37
20	35	86	11	95	12	68

The above relates only to the Water.

## HORSE POWER.

The Power upon which all calculations rest is what is termed a *Horse Power*, and is equal, or supposed to be equal, to a counter-balance of  $2\frac{1}{2}$  Cwt., is what a horse of moderate capacity will be enabled to pull over a single pulley for 10 hours as a day's work, without more than ordinary labour.

## WATER WHEEL.

The best calculation that can be made upon the power of every description of Water Wheels is upon the area or surface which should be taken *at about 20 feet for one horse power*, when the Wheel is over 10 Feet diameter, and a Wheel less than 10 Feet is little used.

## WINDMILL.

For one Pair of Stones of the usual size, say 4 Feet, require the power of four horses.

The expense of a Windmill with patent sails, and the whole of the machinery made of the best construction, to drive one pair of stones, with dressing machine and all the requisite apparatus, independently of the building a Windmill of the above construction.

	£
For One Pair of Stones	1500
Two do. do.	2000
Three do. do.	2500
Four do. do.	3000

It is estimated in the foregoing amounts that the whole of the machinery be made of iron of the best material and workmanship.

## STEAM ENGINE OF BOLTON AND WATT'S CONSTRUCTION.

Power.	Weight of Boiler.	Diam. of the Cylinder.	Price.
Horses.	Cwts.	Inches.	£
4	18	10	410
6	21	13	570
8	24	16	730
10	31	17	890
12	38	18	1050
14	44	19	1150
16	50	21	1250
18	56	22	1350
20	62	24	1450
25	..	26 $\frac{1}{2}$	1900
30	..	28	2300
35	..	30	2650
40	..	32	2900
45	..	..	3150
50	..	..	3350
55	..	..	3550
60	..	..	3700

## PRICES OF CAST IRON PIPES.

	£	s.	d.	
2 Inch Bore.....	0	3	9	per Yard.
3 do. ....	0	4	9	do.
4 do. ....	0	6	0	do.
5 do. ....	0	8	6	do.
6 do. ....	0	9	6	do.
7 do. ....	0	11	6	do.
8 do. ....	0	15	0	do.
9 do. ....	1	2	0	do.
10 do. ....	1	5	0	do.
11 do. ....	1	8	0	do.
12 do. ....	1	13	0	do.

## WEIGHT FOR EVERY FOOT IN LENGTH IN POUNDS AVOIRDUPOISE.

Diam. of Bore.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	Inch.	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 Inches.
1	3.05	5.85	7.35	12.9	19.7	....	....	....	....
$1\frac{1}{2}$	4.28	6.9	10.6	16.6	24.4	....	....	....	....
2	5.5	8.7	12.2	20.2	29.25	39.5	....	....	....
$2\frac{1}{2}$	6.73	10.5	14.6	23.5	34.2	46.6	....	....	....
3	7.95	12.5	17.1	27.4	39	51.75	....	....	....
$3\frac{1}{2}$	9.15	14.25	19.5	31	43.9	58	....	....	....
4	10.4	16	22	34.7	48.8	64.75	80.5	....	....
$4\frac{1}{2}$	11.62	17.9	24.4	38.3	53.7	70.5	87.5	....	....
5	12.8	20	26.8	42	58.6	76.3	95.4	....	....
$5\frac{1}{2}$	....	21.8	29.3	45.6	63.5	82.5	103	....	....
6	....	23.6	31.75	49.5	68.5	88.2	110	133	156
$6\frac{1}{2}$	....	25.4	34.2	52.8	73.2	94.6	117	141	166
7	....	27	36.5	56.6	78	101	125	150	176
$7\frac{1}{2}$	....	28.8	39	60.3	83	107	132	158	186
8	....	31	41.4	64	87.5	112.8	139	166	196
$8\frac{1}{2}$	....	....	43.8	67.5	92.4	119	146	175	206
9	....	....	46.3	71.2	97.5	125	154	183	216
$9\frac{1}{2}$	....	....	48.6	74.8	102.5	131	161	192	226
10	....	....	51.1	78.5	107	137	169	200	236
$10\frac{1}{2}$	....	....	53.6	82.5	112.1	143	176	209	246
11	....	....	56.2	86	117	149	183	217	255
$11\frac{1}{2}$	....	....	58.5	89.5	122	155	191	227	265
12	....	....	61	93.5	127	161	198	235	275
$12\frac{1}{2}$	....	....	63.5	97.3	132	167	205	243	285
13	....	....	66	101	137	173.5	212	252	294
$13\frac{1}{2}$	....	....	68.4	104.8	141.5	179	219	260	304
14	....	....	71	108.2	146	185	227	269	314
$14\frac{1}{2}$	....	....	73.4	112.3	151	192	234	277	324
15	....	....	75.8	115.7	156	198	242	286	334



A  
TABLE  
OF  
SOLID MEASURE ;

WHEREBY the Cube Contents of any Piece or Quantity of Timber may be found at Sight, from 6 Inches to 30 Inches the Side of the Square (or one-fourth of the Girt), and from 1 Foot to 40 Feet in Length ; and, by doubling, 40 Feet to 80 Feet in Length.

## CUBE MEASURE.

Feet in length.	Side 6 In.			Side 6½ In.			Feet in length.	Side 6½ In.			Side 6¾ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	0	3	0	0	3	3	1	0	3	6	0	3	9
2	0	6	0	0	6	6	2	0	7	0	0	7	7
3	0	9	0	0	9	9	3	0	10	6	0	11	4
4	1	0	0	1	1	0	4	1	2	1	1	3	2
5	1	3	0	1	4	3	5	1	5	7	1	6	11
6	1	6	0	1	7	6	6	1	9	1	1	10	9
7	1	9	0	1	10	9	7	2	0	7	2	2	6
8	2	0	0	2	2	0	8	2	4	2	2	6	4
9	2	3	0	2	5	3	9	2	7	8	2	10	2
10	2	6	0	2	8	6	10	2	11	2	3	1	11
11	2	9	0	2	11	9	11	3	2	8	3	5	9
12	3	0	0	3	3	0	12	3	6	3	3	9	6
13	3	3	0	3	6	3	13	3	9	9	4	1	4
14	3	6	0	3	9	6	14	4	1	3	4	5	1
15	3	9	0	4	0	9	15	4	4	9	4	8	11
16	4	0	0	4	4	1	16	4	8	4	5	0	9
17	4	3	0	4	7	4	17	4	11	10	5	4	6
18	4	6	0	4	10	7	18	5	3	4	5	8	4
19	4	9	0	5	1	10	19	5	6	10	6	0	1
20	5	0	0	5	5	1	20	5	10	5	6	3	11
21	5	3	0	5	8	4	21	6	1	11	6	7	8
22	5	6	0	5	11	7	22	6	5	5	6	11	6
23	5	9	0	6	2	10	23	6	8	11	7	3	3
24	6	0	0	6	6	1	24	7	0	6	7	7	1
25	6	3	0	6	9	4	25	7	4	1	7	10	11
26	6	6	0	7	0	7	26	7	7	6	8	2	8
27	6	9	0	7	3	10	27	7	11	0	8	6	6
28	7	0	0	7	7	1	28	8	2	7	8	10	3
29	7	3	0	7	10	4	29	8	6	1	9	2	1
30	7	6	0	8	1	7	30	8	9	7	9	5	10
31	7	9	0	8	4	10	31	9	1	1	9	9	8
32	8	0	0	8	8	2	32	9	4	8	10	1	6
33	8	3	0	8	11	5	33	9	8	2	10	5	3
34	8	6	0	9	2	8	34	9	11	8	10	9	1
35	8	9	0	9	5	11	35	10	3	2	11	0	10
36	9	0	0	9	9	2	36	10	6	8	11	4	8
37	9	3	0	10	0	5	37	10	10	2	11	8	5
38	9	6	0	10	3	8	38	11	1	8	12	0	2
39	9	9	0	10	6	11	39	11	5	3	12	4	0
40	10	0	0	10	10	2	40	11	8	10	12	7	10
In.	I. P. S.			I. P. S.			In.	I. P. S.			I. P. S.		
3	0	9	0	0	9	9	3	0	10	6	0	11	4
6	1	6	0	1	7	6	6	1	9	1	1	10	9
9	2	3	0	2	5	3	9	2	7	8	2	10	2

# CUBE MEASURE.

3

Feet in length.	Side 7 In.			Feet in length.	Side 7½ In.			Feet in length.	Side 7¾ In.		
	F.	I.	P.		F.	I.	P.		F.	I.	P.
1	0	4	1	1	0	4	8	1	0	5	0
2	0	8	2	2	0	9	4	2	0	10	0
3	1	0	3	3	1	2	0	3	1	3	0
4	1	4	4	4	1	6	9	4	1	8	0
5	1	8	5	5	1	11	5	5	2	1	0
6	2	0	6	6	2	4	1	6	2	6	0
7	2	4	7	7	2	8	9	7	2	11	0
8	2	8	8	8	3	1	6	8	3	4	0
9	3	0	9	9	3	6	2	9	3	9	0
10	3	4	10	10	3	10	10	10	4	2	0
11	3	8	11	11	4	3	6	11	4	7	0
12	4	1	0	12	4	8	3	12	5	0	0
13	4	5	1	13	5	0	11	13	5	5	0
14	4	9	2	14	5	5	7	14	5	10	0
15	5	1	3	15	5	10	3	15	6	3	0
16	5	5	4	16	6	3	0	16	6	8	1
17	5	9	5	17	6	7	8	17	7	1	1
18	6	1	6	18	7	0	4	18	7	6	1
19	6	5	7	19	7	5	0	19	7	11	1
20	6	9	8	20	7	9	9	20	8	4	1
21	7	1	9	21	8	2	5	21	8	9	1
22	7	5	10	22	8	7	1	22	9	2	1
23	7	9	11	23	8	11	9	23	9	7	1
24	8	2	0	24	9	4	6	24	10	0	1
25	8	6	1	25	9	9	2	25	10	5	1
26	8	10	2	26	10	1	10	26	10	10	1
27	9	2	3	27	10	6	6	27	11	3	1
28	9	6	4	28	10	11	3	28	11	8	1
29	9	10	5	29	11	3	11	29	12	1	1
30	10	2	6	30	11	8	7	30	12	6	1
31	10	6	7	31	12	1	3	31	12	11	1
32	10	10	8	32	12	6	0	32	13	4	2
33	11	2	9	33	12	10	8	33	13	9	2
34	11	6	10	34	13	3	4	34	14	2	2
35	11	10	11	35	13	8	0	35	14	7	2
36	12	3	0	36	14	0	9	36	15	0	2
37	12	7	1	37	14	5	5	37	15	5	2
38	12	11	2	38	14	10	1	38	15	10	2
39	13	3	3	39	15	2	9	39	16	3	2
40	13	7	4	40	15	7	6	40	16	8	2
In.	I.	P.	S.	In.	I.	P.	S.	In.	I.	P.	S.
3	1	0	3	3	1	2	0	3	1	3	0
6	2	0	6	6	2	4	1	6	2	6	0
9	3	0	9	9	3	6	2	9	3	9	0

## CUBE MEASURE.

Feet in length.	Side 8 In.			Side 8½ In.			Feet in length.	Side 8½ In.			Side 8¾ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	0	5	4	0	5	8	1	0	6	0	0	6	4
2	0	10	8	0	11	4	2	1	0	0	1	0	9
3	1	4	0	1	5	0	3	1	6	0	1	7	1
4	1	9	4	1	10	8	4	2	0	1	2	1	6
5	2	2	8	2	4	4	5	2	6	1	2	7	10
6	2	8	0	2	10	0	6	3	0	1	3	2	3
7	3	1	4	3	3	8	7	3	6	1	3	8	7
8	3	6	8	3	9	4	8	4	0	2	4	3	0
9	4	0	0	4	3	0	9	4	6	2	4	9	5
10	4	5	4	4	8	8	10	5	0	2	5	3	9
11	4	10	8	5	2	4	11	5	6	2	5	10	2
12	5	4	0	5	8	0	12	6	0	3	6	4	6
13	5	9	4	6	1	8	13	6	6	3	6	10	11
14	6	2	8	6	7	4	14	7	0	3	7	5	3
15	6	8	0	7	1	0	15	7	6	3	7	11	8
16	7	1	4	7	6	9	16	8	0	4	8	6	1
17	7	6	8	8	0	5	17	8	6	4	9	0	5
18	8	0	0	8	6	1	18	9	0	4	9	6	10
19	8	5	4	8	11	9	19	9	6	4	10	1	2
20	8	10	8	9	5	5	20	10	0	5	10	7	7
21	9	4	0	9	11	1	21	10	6	5	11	1	11
22	9	9	4	10	4	9	22	11	0	5	11	8	4
23	10	2	8	10	10	5	23	11	6	5	12	2	8
24	10	8	0	11	4	1	24	12	0	6	12	9	1
25	11	1	4	11	9	9	25	12	6	6	13	3	6
26	11	6	8	12	3	5	26	13	0	6	13	9	10
27	12	0	0	12	9	1	27	13	6	6	14	4	3
28	12	5	4	13	2	9	28	14	0	7	14	10	7
29	12	10	8	13	8	5	29	14	6	7	15	5	0
30	13	4	0	14	2	1	30	15	0	7	15	11	4
31	13	9	4	14	7	9	31	15	6	7	16	5	9
32	14	2	8	15	1	6	32	16	0	8	17	0	2
33	14	8	0	15	7	2	33	16	6	8	17	6	6
34	15	1	4	16	0	10	34	17	0	8	18	0	11
35	15	6	8	16	6	6	35	17	6	8	18	7	3
36	16	0	0	17	0	2	36	18	0	9	19	1	8
37	16	5	4	17	5	10	37	18	6	9	19	8	0
38	16	10	8	17	11	6	38	19	0	9	20	2	4
39	17	4	0	18	5	2	39	19	6	9	20	8	9
40	17	9	4	18	10	10	40	20	0	10	21	3	2
In.	I. P. S.			I. P. S.			In.	I. P. S.			I. P. S.		
3	1	4	0	1	5	0	3	1	6	0	1	7	1
6	2	8	0	2	10	0	6	3	0	1	3	2	3
9	4	0	0	4	3	0	9	4	6	2	4	9	5

## CUBE MEASURE.

5

Feet in length.	Side 9 In.			Side 9 $\frac{1}{4}$ In.			Feet in length.	Side 9 $\frac{1}{2}$ In.			Side 9 $\frac{3}{4}$ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	0	6	9	0	7	1	1	0	7	6	0	7	11
2	1	1	6	1	2	3	2	1	3	0	1	3	10
3	1	8	3	1	9	4	3	1	10	6	1	11	9
4	2	3	0	2	4	6	4	2	6	1	2	7	8
5	2	9	9	2	11	7	5	3	1	7	3	3	7
6	3	4	6	3	6	9	6	3	9	1	3	11	6
7	3	11	3	4	1	10	7	4	4	7	4	7	5
8	4	6	0	4	9	0	8	5	0	2	5	3	4
9	5	0	9	5	4	2	9	5	7	8	5	11	3
10	5	7	6	5	11	3	10	6	3	2	6	7	2
11	6	2	3	6	6	5	11	6	10	8	7	3	1
12	6	9	0	7	1	6	12	7	6	3	7	11	0
13	7	3	9	7	8	8	13	8	1	9	8	6	11
14	7	10	6	8	3	9	14	8	9	3	9	2	10
15	8	5	3	8	10	11	15	9	4	9	9	10	9
16	9	0	0	9	6	1	16	10	0	4	10	6	9
17	9	6	9	10	1	2	17	10	7	10	11	2	8
18	10	1	6	10	8	4	18	11	3	4	11	10	7
19	10	8	3	11	3	5	19	11	10	10	12	6	6
20	11	3	0	11	10	7	20	12	6	5	13	2	5
21	11	9	9	12	5	8	21	13	1	11	13	10	4
22	12	4	6	13	0	10	22	13	9	5	14	6	3
23	12	11	3	13	7	11	23	14	4	11	15	2	2
24	13	6	0	14	3	1	24	15	0	6	15	10	1
25	14	0	9	14	10	3	25	15	8	0	16	6	0
26	14	7	6	15	5	4	26	16	3	6	17	1	11
27	15	2	3	16	0	6	27	16	11	0	17	9	10
28	15	9	0	16	7	7	28	17	6	7	18	5	9
29	16	3	9	17	2	9	29	18	2	1	19	1	8
30	16	10	6	17	9	10	30	18	9	7	19	9	7
31	17	5	3	18	5	0	31	19	5	1	20	5	6
32	18	0	0	19	0	2	32	20	0	8	21	1	6
33	18	6	9	19	7	3	33	20	8	2	21	9	5
34	19	1	6	20	2	5	34	21	3	8	22	5	4
35	19	8	3	20	9	6	35	21	11	2	23	1	3
36	20	3	0	21	4	8	36	22	6	9	23	9	2
37	20	9	9	21	11	9	37	23	2	2	24	5	1
38	21	4	6	22	6	10	38	23	9	8	25	1	0
39	21	11	3	23	2	0	39	24	5	3	25	8	11
40	22	6	0	23	9	2	40	25	0	10	26	4	10
In.	I. P. S.			I. P. S.			In.	I. P. S.			I. P. S.		
3	1	8	3	1	9	4	3	1	10	6	1	11	9
6	3	4	6	3	6	9	6	3	9	1	3	11	6
9	5	0	9	5	4	2	9	5	7	8	5	11	3

## CUBE MEASURE.

Feet in length.	Side 10 In.			Side 10 $\frac{1}{4}$ In.			Feet in length.	Side 10 $\frac{1}{2}$ In.			Side 10 $\frac{3}{4}$ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	0	8	4	0	8	9	1	0	9	2	0	9	7
2	1	4	8	1	5	6	2	1	6	4	1	7	3
3	2	1	0	2	2	3	3	2	3	6	2	4	10
4	2	9	4	2	11	0	4	3	0	9	3	2	6
5	3	5	8	3	7	9	5	3	9	11	4	0	1
6	4	2	0	4	4	6	6	4	7	1	4	9	9
7	4	10	4	5	1	3	7	5	4	3	5	7	4
8	5	6	8	5	10	0	8	6	1	6	6	5	0
9	6	3	0	6	6	9	9	6	10	8	7	2	8
10	6	11	4	7	3	6	10	7	7	10	8	0	3
11	7	7	8	8	0	3	11	8	5	0	8	9	11
12	8	4	0	8	9	0	12	9	2	3	9	7	6
13	9	0	4	9	5	9	13	9	11	5	10	5	2
14	9	8	8	10	2	6	14	10	8	7	11	2	9
15	10	5	0	10	11	3	15	11	5	9	12	0	5
16	11	1	4	11	8	1	16	12	3	0	12	10	1
17	11	9	8	12	4	10	17	13	0	2	13	7	8
18	12	6	0	13	1	7	18	13	9	4	14	5	4
19	13	2	4	13	10	4	19	14	6	6	15	2	11
20	13	10	8	14	7	1	20	15	3	9	16	0	7
21	14	7	0	15	3	10	21	16	0	11	16	10	2
22	15	3	4	16	0	7	22	16	10	1	17	7	10
23	15	11	8	16	9	4	23	17	7	3	18	5	5
24	16	8	0	17	6	1	24	18	4	6	19	3	1
25	17	4	4	18	2	10	25	19	1	8	20	0	9
26	18	0	8	18	11	7	26	19	10	10	20	10	4
27	18	9	0	19	8	4	27	20	8	0	21	8	0
28	19	5	4	20	5	1	28	21	5	3	22	5	7
29	20	1	8	21	1	10	29	22	2	5	23	3	3
30	20	10	0	21	10	7	30	22	11	7	24	0	10
31	21	6	4	22	7	4	31	23	8	9	24	10	6
32	22	2	8	23	4	2	32	24	6	0	25	8	2
33	22	11	0	24	0	11	33	25	3	2	26	5	9
34	23	7	4	24	9	8	34	26	0	4	27	3	5
35	24	3	8	25	6	5	35	26	9	6	28	1	0
36	25	0	0	26	3	2	36	27	6	9	28	10	8
37	25	8	4	26	11	11	37	28	3	11	29	8	3
38	26	4	8	27	8	8	38	29	1	1	30	5	10
39	27	1	0	28	5	5	39	29	10	3	31	3	6
40	27	9	4	29	2	2	40	30	7	6	32	1	2
In.	I. P. S.			I. P. S.			In.	I. P. S.			I. P. S.		
3	2	1	0	2	2	3	3	2	3	6	2	4	10
6	4	2	0	4	4	6	6	4	7	1	4	9	9
9	6	3	0	6	6	9	9	6	10	8	7	2	8



## CUBE MEASURE.

7

Feet in length.	Side 11 In.	Side 11 $\frac{1}{4}$ In.	Feet in length.	Side 11 $\frac{1}{2}$ In.	Side 11 $\frac{3}{4}$ In.
	F. I. P.	F. I. P.		F. I. P.	F. I. P.
1	0 10 1	0 10 6	1	0 11 0	0 11 6
2	1 8 2	1 9 1	2	1 10 0	1 11 0
3	2 6 3	2 7 7	3	2 9 0	2 10 6
4	3 4 4	3 6 2	4	3 8 1	3 10 0
5	4 2 5	4 4 8	5	4 7 1	4 9 6
6	5 0 6	5 3 3	6	5 6 1	5 9 0
7	5 10 7	6 1 9	7	6 5 1	6 8 6
8	6 8 8	7 0 4	8	7 4 2	7 8 0
9	7 6 9	7 10 11	9	8 3 2	8 7 6
10	8 4 10	8 9 5	10	9 2 2	9 7 0
11	9 2 11	9 8 0	11	10 1 2	10 6 6
12	10 1 0	10 6 6	12	11 0 3	11 6 0
13	10 11 1	11 5 1	13	11 11 3	12 5 6
14	11 9 2	12 3 7	14	12 10 3	13 5 0
15	12 7 3	13 2 2	15	13 9 3	14 4 6
16	13 5 4	14 0 9	16	14 8 4	15 4 1
17	14 3 5	14 11 3	17	15 7 4	16 3 7
18	15 1 6	15 9 10	18	16 6 4	17 3 1
19	15 11 7	16 8 4	19	17 5 4	18 2 7
20	16 9 8	17 6 11	20	18 4 5	19 2 1
21	17 7 9	18 5 5	21	19 3 5	20 1 7
22	18 5 10	19 4 0	22	20 2 5	21 1 1
23	19 3 11	20 2 6	23	21 1 5	22 0 7
24	20 2 0	21 1 1	24	22 0 6	23 0 1
25	21 0 1	21 11 8	25	22 11 6	23 11 7
26	21 10 2	22 10 2	26	23 10 6	24 11 1
27	22 8 3	23 8 9	27	24 9 6	25 10 7
28	23 6 4	24 7 3	28	25 8 7	26 10 1
29	24 4 5	25 5 10	29	26 7 7	27 9 7
30	25 2 6	26 4 4	30	27 6 7	28 9 1
31	26 0 7	27 2 11	31	28 5 7	29 8 7
32	26 10 8	28 1 6	32	29 4 8	30 8 2
33	27 8 9	29 0 0	33	30 3 8	31 7 8
34	28 6 10	29 10 7	34	31 2 8	32 7 2
35	29 4 11	30 9 1	35	32 1 8	33 6 8
36	30 3 0	31 7 8	36	33 0 9	34 6 2
37	31 1 1	32 6 2	37	33 11 9	35 5 8
38	31 11 2	33 4 8	38	34 10 9	36 5 2
39	32 9 3	34 3 3	39	35 9 9	37 4 8
40	33 7 4	35 1 10	40	36 8 10	38 4 2
In.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.
3	2 6 3	2 7 7	3	2 9 0	2 10 6
6	5 0 6	5 3 3	6	5 6 1	5 9 0
9	7 6 9	7 10 11	9	8 3 2	8 7 6

## CUBE MEASURE.

Feet in length.	Side 12 In.	Side 12½ In.	Feet in length.	Side 12½ In.	Side 12¾ In.
	F. I. P.	F. I. P.		F. I. P.	F. I. P.
1	1 0 0	1 0 6	1	1 1 0	1 1 6
2	2 0 0	2 1 0	2	2 2 0	2 3 1
3	3 0 0	3 1 6	3	3 3 0	3 4 7
4	4 0 0	4 2 0	4	4 4 1	4 6 2
5	5 0 0	5 2 6	5	5 5 1	5 7 8
6	6 0 0	6 3 0	6	6 6 1	6 9 3
7	7 0 0	7 3 6	7	7 7 1	7 10 9
8	8 0 0	8 4 0	8	8 8 2	9 0 4
9	9 0 0	9 4 6	9	9 9 2	10 1 11
10	10 0 0	10 5 0	10	10 10 2	11 3 5
11	11 0 0	11 5 6	11	11 11 2	12 5 0
12	12 0 0	12 6 0	12	13 0 3	13 6 6
13	13 0 0	13 6 6	13	14 1 3	14 8 1
14	14 0 0	14 7 0	14	15 2 3	15 9 7
15	15 0 0	15 7 6	15	16 3 3	16 11 2
16	16 0 0	16 8 1	16	17 4 4	18 0 9
17	17 0 0	17 8 7	17	18 5 4	19 2 3
18	18 0 0	18 9 1	18	19 6 4	20 3 10
19	19 0 0	19 9 7	19	20 7 4	21 5 4
20	20 0 0	20 10 1	20	21 8 5	22 6 11
21	21 0 0	21 10 7	21	22 9 5	23 8 5
22	22 0 0	22 11 1	22	23 10 5	24 10 0
23	23 0 0	23 11 7	23	24 11 5	25 11 6
24	24 0 0	25 0 1	24	26 0 6	27 1 1
25	25 0 0	26 0 7	25	27 1 6	28 2 8
26	26 0 0	27 1 1	26	28 2 6	29 4 2
27	27 0 0	28 1 7	27	29 3 6	30 5 9
28	28 0 0	29 2 1	28	30 4 7	31 7 3
29	29 0 0	30 2 7	29	31 5 7	32 8 10
30	30 0 0	31 3 1	30	32 6 7	33 10 4
31	31 0 0	32 3 8	31	33 7 7	34 11 11
32	32 0 0	33 4 2	32	34 8 8	36 1 6
33	33 0 0	34 4 8	33	35 9 8	37 3 0
34	34 0 0	35 5 2	34	36 10 8	38 4 7
35	35 0 0	36 5 8	35	37 11 8	39 6 1
36	36 0 0	37 6 2	36	39 0 9	40 7 8
37	37 0 0	38 6 8	37	40 1 9	41 9 2
38	38 0 0	39 7 2	38	41 2 9	42 10 8
39	39 0 0	40 7 8	39	42 3 9	44 0 3
40	40 0 0	41 8 2	40	43 4 10	45 1 10
In.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.
3	3 0 0	3 1 6	3	3 3 0	3 4 7
6	6 0 0	6 3 0	6	6 6 1	6 9 3
9	9 0 0	9 4 6	9	9 9 2	10 1 11



# CUBE MEASURE.

9

Feet in length.	Side 13 In.	Side 13 $\frac{1}{4}$ In.	Feet in length.	Side 13 $\frac{1}{2}$ In.	Side 13 $\frac{3}{4}$ In.
	F. I. P.	F. I. P.		F. I. P.	F. I. P.
1	1 2 1	1 2 7	1	1 3 2	1 3 9
2	2 4 2	2 5 3	2	2 6 4	2 7 6
3	3 6 3	3 7 10	3	3 9 6	3 11 3
4	4 8 4	4 10 6	4	5 0 9	5 3 0
5	5 10 5	6 1 1	5	6 3 11	6 6 9
6	7 0 6	7 3 9	6	7 7 1	7 10 6
7	8 2 7	8 6 4	7	8 10 3	9 2 3
8	9 4 8	9 9 0	8	10 1 6	10 6 0
9	10 6 9	10 11 8	9	11 4 8	11 9 9
10	11 8 10	12 2 3	10	12 7 10	13 1 6
11	12 10 11	13 4 11	11	13 11 0	14 5 3
12	14 1 0	14 7 6	12	15 2 3	15 9 0
13	15 3 1	15 10 2	13	16 5 5	17 0 9
14	16 5 2	17 0 9	14	17 8 7	18 4 6
15	17 7 3	18 3 5	15	18 11 9	19 8 3
16	18 9 4	19 6 1	16	20 3 0	21 0 0
17	19 11 5	20 8 8	17	21 6 2	22 3 9
18	21 1 6	21 11 4	18	22 9 4	23 7 6
19	22 3 7	23 1 11	19	24 0 6	24 11 3
20	23 5 8	24 4 7	20	25 3 9	26 3 0
21	24 7 9	25 7 2	21	26 6 11	27 6 9
22	25 9 10	26 9 10	22	27 10 1	28 10 6
23	26 11 11	28 0 5	23	29 1 3	30 2 3
24	28 2 0	29 3 1	24	30 4 6	31 6 1
25	29 4 1	30 5 9	25	31 7 8	32 9 10
26	30 6 2	31 8 4	26	32 10 10	34 1 7
27	31 8 3	32 11 0	27	34 2 0	35 5 4
28	32 10 4	34 1 7	28	35 5 3	36 9 1
29	34 0 5	35 4 3	29	36 8 5	38 0 10
30	35 2 6	36 6 10	30	37 11 7	39 4 7
31	36 4 7	37 9 6	31	39 2 9	40 8 4
32	37 6 8	39 0 2	32	40 6 0	42 0 1
33	38 8 9	40 2 9	33	41 9 2	43 3 10
34	39 10 10	41 5 5	34	43 0 4	44 7 7
35	41 0 11	42 8 0	35	44 3 6	45 11 4
36	42 3 0	43 10 8	36	45 6 9	47 3 1
37	43 5 1	45 1 3	37	46 9 10	48 6 9
38	44 7 2	46 3 10	38	48 1 0	49 10 6
39	45 9 3	47 6 6	39	49 4 3	51 2 3
40	46 11 4	48 9 2	40	50 7 6	52 6 0
In.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.
3	3 6 3	3 7 10	3	3 9 6	3 11 3
6	7 0 6	7 3 9	6	7 7 1	7 10 6
9	10 6 9	10 11 8	9	11 4 8	11 9 9

## CUBE MEASURE.

Feet in length.	Side 14 In.			Feet in length.	Side 14½ In.			Feet in length.	Side 14¾ In.		
	F.	I.	P.		F.	I.	P.		F.	I.	P.
1	1	4	4	1	1	5	6	1	1	6	1
2	2	8	8	2	2	11	0	2	3	0	3
3	4	1	0	3	4	4	6	3	4	6	4
4	5	5	4	4	5	10	1	4	6	0	6
5	6	9	8	5	7	3	7	5	7	6	7
6	8	2	0	6	8	9	1	6	9	0	9
7	9	6	4	7	10	2	7	7	10	6	10
8	10	10	8	8	11	8	2	8	12	1	0
9	12	3	0	9	13	1	8	9	13	7	2
10	13	7	4	10	14	7	2	10	15	1	3
11	14	11	8	11	16	0	8	11	16	7	5
12	16	4	0	12	17	6	3	12	18	1	6
13	17	8	4	13	18	11	9	13	19	7	8
14	19	0	8	14	20	5	3	14	21	1	9
15	20	5	0	15	21	10	9	15	22	7	11
16	21	9	4	16	23	4	4	16	24	2	1
17	23	1	8	17	24	9	10	17	25	8	2
18	24	6	0	18	26	3	4	18	27	2	4
19	25	10	4	19	27	8	10	19	28	8	5
20	27	2	8	20	29	2	5	20	30	2	7
21	28	7	0	21	30	7	11	21	31	8	8
22	29	11	4	22	32	1	5	22	33	2	10
23	31	3	8	23	33	6	11	23	34	8	11
24	32	8	0	24	35	0	6	24	36	3	1
25	34	0	4	25	36	6	0	25	37	9	3
26	35	4	8	26	37	11	6	26	39	3	4
27	36	9	0	27	39	5	0	27	40	9	6
28	38	1	4	28	40	10	7	28	42	3	7
29	39	5	8	29	42	4	1	29	43	9	9
30	40	10	0	30	43	9	7	30	45	3	10
31	42	2	4	31	45	3	1	31	46	10	0
32	43	6	8	32	46	8	8	32	48	4	2
33	44	11	0	33	48	2	2	33	49	10	3
34	46	3	4	34	49	7	8	34	51	4	5
35	47	7	8	35	51	1	2	35	52	10	6
36	49	0	0	36	52	6	9	36	54	4	8
37	50	4	4	37	54	0	2	37	55	10	9
38	51	8	8	38	55	5	8	38	57	4	10
39	53	1	0	39	56	11	3	39	58	11	0
40	54	5	4	40	58	4	10	40	60	5	2
In.	F. I. P.			In.	F. I. P.			In.	F. I. P.		
3	0	4	1	3	0	4	4	3	0	4	6
6	0	8	2	6	0	8	9	6	0	9	0
9	1	0	3	9	1	1	1	9	1	1	6

## CUBE MEASURE.

11

Feet in length.	Side 15 In.			Side 15½ In.			Feet in length.	Side 15½ In.			Side 15¾ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	1	6	9	1	7	4	1	1	8	0	1	8	8
2	3	1	6	3	2	9	2	3	4	0	3	5	4
3	4	8	3	4	10	1	3	5	0	0	5	2	0
4	6	3	0	6	5	6	4	6	8	1	6	10	8
5	7	9	9	8	0	10	5	8	4	1	8	7	4
6	9	4	6	9	8	3	6	10	0	1	10	4	0
7	10	11	3	11	3	7	7	11	8	1	12	0	8
8	12	6	0	12	11	0	8	13	4	2	13	9	4
9	14	0	9	14	6	5	9	15	0	2	15	6	0
10	15	7	6	16	1	9	10	16	8	2	17	2	8
11	17	2	3	17	9	2	11	18	4	2	18	11	4
12	18	9	0	19	4	7	12	20	0	3	20	8	0
13	20	3	9	20	11	11	13	21	8	3	22	4	8
14	21	10	6	22	7	3	14	23	4	3	24	1	4
15	23	5	3	24	2	8	15	25	0	3	25	10	0
16	25	0	0	25	10	1	16	26	8	4	27	6	9
17	26	6	9	27	5	5	17	28	4	4	29	3	5
18	28	1	6	29	0	10	18	30	0	4	31	0	1
19	29	8	3	30	8	2	19	31	8	4	32	8	9
20	31	3	0	32	3	7	20	33	4	5	34	5	5
21	32	9	9	33	10	11	21	35	0	5	36	2	1
22	34	4	6	35	6	4	22	36	8	5	37	10	9
23	35	11	3	37	1	9	23	38	4	5	39	7	5
24	37	6	0	38	9	2	24	40	0	6	41	4	1
25	38	0	9	40	4	6	25	41	8	6	43	0	9
26	40	7	6	41	11	10	26	43	4	6	44	9	5
27	41	2	3	43	7	3	27	45	0	6	46	6	1
28	43	9	0	45	3	7	28	46	8	7	48	2	9
29	45	3	9	46	10	0	29	48	4	7	49	11	5
30	46	10	6	48	5	4	30	50	0	7	51	8	1
31	48	5	3	50	0	9	31	51	8	7	53	4	9
32	50	0	0	51	8	2	32	53	4	8	55	1	6
33	51	6	9	53	3	6	33	55	0	8	56	10	2
34	53	1	6	54	10	11	34	56	8	8	58	6	10
35	54	8	3	56	6	3	35	58	4	8	60	3	6
36	56	3	0	58	1	8	36	60	0	9	62	0	2
37	57	9	9	59	9	0	37	61	8	9	63	8	10
38	59	4	6	61	4	4	38	63	4	9	65	5	6
39	60	11	3	62	11	9	39	65	0	9	67	2	2
40	62	6	0	64	7	2	40	66	8	10	68	10	10
In.	F.	I.	P.	F.	I.	P.	In.	F.	I.	P.	F.	I.	P.
3	0	4	8	0	4	10	3	0	5	0	0	5	2
6	0	9	4	0	9	8	6	0	10	0	0	10	4
9	1	2	0	1	2	6	9	1	3	0	1	3	6

## CUBE MEASURE.

Feet in length.	Side 16 In.			Side 16½ In.			Feet in length.	Side 16½ In.			Side 16¾ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	1	9	4	1	10	0	1	1	10	8	1	11	4
2	3	6	8	3	8	0	2	3	9	4	3	10	9
3	5	4	0	5	6	0	3	5	8	0	5	10	1
4	7	1	4	7	4	0	4	7	6	9	7	9	6
5	8	10	8	9	2	0	5	9	5	5	9	8	10
6	10	8	0	11	0	0	6	11	4	1	11	8	3
7	12	5	4	12	10	0	7	13	2	9	13	7	7
8	14	2	8	14	8	0	8	15	1	6	15	7	0
9	16	0	0	16	6	0	9	17	0	2	17	6	5
10	17	9	4	18	4	0	10	18	10	10	19	5	9
11	19	6	8	20	2	0	11	20	9	6	21	5	2
12	21	4	0	22	0	0	12	22	8	3	23	4	6
13	23	1	4	23	10	0	13	24	6	11	25	3	11
14	24	10	8	25	8	0	14	26	5	7	27	3	3
15	26	8	0	27	6	0	15	28	4	3	29	2	8
16	28	5	4	29	4	1	16	30	3	0	31	2	1
17	30	2	8	31	2	1	17	32	1	8	33	1	5
18	32	0	0	33	0	1	18	34	0	4	35	0	10
19	33	9	4	34	10	1	19	35	11	0	37	0	2
20	35	6	8	36	8	1	20	37	9	9	38	11	7
21	37	4	0	38	6	1	21	39	8	5	40	10	11
22	39	1	4	40	4	1	22	41	7	1	42	10	4
23	40	10	8	42	2	1	23	43	5	9	44	9	8
24	42	8	0	44	0	1	24	45	4	6	46	9	1
25	44	5	4	45	10	1	25	47	3	2	48	8	6
26	46	2	8	47	8	1	26	49	1	10	50	7	10
27	48	0	0	49	6	1	27	51	0	6	52	7	3
28	49	9	4	51	4	1	28	52	11	3	54	6	7
29	51	6	8	53	2	1	29	54	9	11	56	6	0
30	53	4	0	55	0	1	30	56	8	7	58	5	4
31	55	1	4	56	10	1	31	58	7	3	60	4	9
32	56	10	8	58	8	2	32	60	6	0	62	4	2
33	58	8	0	60	6	2	33	62	4	8	64	3	6
34	60	5	4	62	4	2	34	64	3	4	66	2	11
35	62	2	8	64	2	2	35	66	2	0	68	2	3
36	64	0	0	66	0	2	36	68	0	9	70	1	8
37	65	9	4	67	10	2	37	69	11	4	72	1	0
38	67	6	8	69	8	2	38	71	10	0	74	0	4
39	69	4	0	71	6	2	39	73	8	9	75	11	9
40	71	1	4	73	4	2	40	75	7	6	77	11	2
In.	F.	I.	P.	F.	I.	P.	In.	F.	I.	P.	F.	I.	P.
3	0	5	4	0	5	6	3	0	5	8	0	5	10
6	0	10	8	0	11	0	6	0	11	4	0	11	8
9	1	4	0	1	4	6	9	1	5	0	1	5	6

## CUBE MEASURE.

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Feet in length.	Side 17 In.			Feet in length.	Side 17½ In.			Feet in length.	Side 17¾ In.		
	F.	I.	P.		F.	I.	P.		F.	I.	P.
1	2	0	1	1	2	1	6	1	2	2	3
2	4	0	2	2	4	3	0	2	4	4	6
3	6	0	3	3	6	4	6	3	6	6	9
4	8	0	4	4	8	6	1	4	8	9	0
5	10	0	5	5	10	7	7	5	10	11	3
6	12	0	6	6	12	9	1	6	13	1	6
7	14	0	7	7	14	10	7	7	15	3	9
8	16	0	8	8	17	0	2	8	17	6	0
9	18	0	9	9	19	1	8	9	19	8	3
10	20	0	10	10	21	3	2	10	21	10	6
11	22	0	11	11	23	4	8	11	24	0	9
12	24	1	0	12	25	6	3	12	26	3	0
13	26	1	1	13	27	7	9	13	28	5	3
14	28	1	2	14	29	9	3	14	30	7	6
15	30	1	3	15	31	10	9	15	32	9	9
16	32	1	4	16	34	0	4	16	35	0	1
17	34	1	5	17	36	1	10	17	37	2	4
18	36	1	6	18	38	3	4	18	39	4	7
19	38	1	7	19	40	4	10	19	41	6	10
20	40	1	8	20	42	6	5	20	43	9	1
21	42	1	9	21	44	7	11	21	45	11	4
22	44	1	10	22	46	9	5	22	48	1	7
23	46	1	11	23	48	10	11	23	50	3	10
24	48	2	0	24	51	0	6	24	52	6	1
25	50	2	1	25	53	2	0	25	54	8	4
26	52	2	2	26	55	3	6	26	56	10	7
27	54	2	3	27	57	5	0	27	59	0	10
28	56	2	4	28	59	6	7	28	61	3	1
29	58	2	5	29	61	8	1	29	63	5	4
30	60	2	6	30	63	9	7	30	65	7	7
31	62	2	7	31	65	11	1	31	67	9	10
32	64	2	8	32	68	0	8	32	70	0	2
33	66	2	9	33	70	2	2	33	72	2	5
34	68	2	10	34	72	3	8	34	74	4	8
35	70	2	11	35	74	5	2	35	76	6	11
36	72	3	0	36	76	6	9	36	78	9	2
37	74	3	1	37	78	8	2	37	80	11	5
38	76	3	2	38	80	9	8	38	83	1	8
39	78	3	3	39	82	11	3	39	85	3	11
40	80	3	4	40	85	0	10	40	87	6	2
In.	F. I. P.			In.	F. I. P.			In.	F. I. P.		
3	0	6	0	3	0	6	4	3	0	6	6
6	1	0	0	6	1	0	9	6	1	1	1
9	1	6	0	9	1	7	1	9	1	7	8



Feet in length.	Side 18 In.			Side 18½ In.			Feet in length.	Side 18½ In.			Side 18¾ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	2	3	0	2	3	9	1	2	4	6	2	5	3
2	4	6	0	4	7	6	2	4	9	0	4	10	7
3	6	9	0	6	11	3	3	7	1	6	7	3	10
4	9	0	0	9	3	0	4	9	6	1	9	9	2
5	11	3	0	11	6	9	5	11	10	7	12	2	5
6	13	6	0	13	10	6	6	14	3	1	14	7	9
7	15	9	0	16	2	3	7	16	7	7	17	1	0
8	18	0	0	18	6	0	8	19	0	2	19	6	4
9	20	3	0	20	9	9	9	21	4	8	21	11	8
10	22	6	0	23	1	6	10	23	9	2	24	4	11
11	24	9	0	25	5	3	11	26	1	8	26	10	3
12	27	0	0	27	9	0	12	28	6	3	29	3	6
13	29	3	0	30	0	9	13	30	10	9	31	8	10
14	31	6	0	32	4	6	14	33	3	4	34	2	1
15	33	9	0	34	8	3	15	35	7	10	36	7	5
16	36	0	0	37	0	1	16	38	0	4	39	0	9
17	38	3	0	39	3	10	17	40	4	10	41	6	0
18	40	6	0	41	7	7	18	42	9	5	43	11	4
19	42	9	0	43	11	4	19	45	1	11	46	4	7
20	45	0	0	46	3	1	20	47	6	5	48	9	11
21	47	3	0	48	6	10	21	49	11	0	51	3	2
22	49	6	0	50	10	7	22	52	3	6	53	8	6
23	51	9	0	53	2	4	23	54	8	0	56	1	9
24	54	0	0	55	6	1	24	57	0	9	58	7	1
25	56	3	0	57	9	10	25	59	5	1	61	0	5
26	58	6	0	60	1	7	26	61	9	7	63	5	8
27	60	9	0	62	5	4	27	64	2	1	65	11	0
28	63	0	0	64	9	1	28	66	6	8	68	4	3
29	65	3	0	67	0	10	29	68	11	2	70	9	7
30	67	6	0	69	4	7	30	71	3	8	73	2	10
31	69	9	0	71	8	4	31	73	8	1	75	8	2
32	72	0	0	74	0	2	32	76	0	8	78	1	6
33	74	3	0	76	3	11	33	78	5	2	80	6	9
34	76	6	0	78	7	8	34	80	9	8	83	0	1
35	78	9	0	80	11	5	35	83	2	2	85	5	4
36	81	0	0	83	3	2	36	85	6	9	87	10	8
37	83	3	0	85	6	11	37	87	11	2	90	3	11
38	85	6	0	87	10	8	38	90	3	8	92	9	2
39	87	9	0	90	2	5	39	92	8	3	95	2	6
40	90	0	0	92	6	2	40	95	0	10	97	7	10
In.	F. I. P.			F. I. P.			In.	F. I. P.			F. I. P.		
3	0	6	9	0	6	11	3	0	7	1	0	7	3
6	1	1	6	1	1	10	6	1	2	3	1	2	7
9	1	8	3	1	8	9	9	1	9	4	1	9	11

Feet in length.	Side 19 In.	Side 19½ In.	Feet in length.	Side 19½ In.	Side 19¾ In.
	F. I. P.	F. I. P.		F. I. P.	F. I. P.
1	2 6 1	2 6 10	1	2 7 8	2 8 6
2	5 0 2	5 1 9	2	5 3 4	5 5 0
3	7 6 3	7 8 7	3	7 11 0	8 1 6
4	10 0 4	10 3 6	4	10 6 9	10 10 0
5	12 6 5	12 10 4	5	13 2 5	13 6 6
6	15 0 6	15 5 3	6	15 10 1	16 3 0
7	17 6 7	18 0 1	7	18 5 9	18 11 6
8	20 0 8	20 7 0	8	21 1 6	21 8 0
9	22 6 9	23 1 11	9	23 9 2	24 4 6
10	25 0 10	25 8 9	10	26 4 10	27 1 0
11	27 6 11	28 3 8	11	29 0 6	29 9 6
12	30 1 0	30 10 6	12	31 8 3	32 6 0
13	32 7 1	33 5 5	13	34 3 11	35 2 6
14	35 1 2	36 0 3	14	36 11 7	37 11 0
15	37 7 3	38 7 2	15	39 7 3	40 7 6
16	40 1 4	41 2 1	16	42 3 0	43 4 1
17	42 7 5	43 8 11	17	44 10 8	46 0 7
18	45 1 6	46 3 10	18	47 6 4	48 9 1
19	47 7 7	48 10 8	19	50 2 0	51 5 7
20	50 1 8	51 5 7	20	52 9 7	54 2 1
21	52 7 9	54 0 5	21	55 5 5	56 10 7
22	55 1 10	56 7 4	22	58 1 1	59 7 1
23	57 7 11	59 2 2	23	60 8 9	62 3 7
24	60 2 0	61 9 1	24	63 4 6	65 0 1
25	62 8 1	64 4 0	25	66 0 2	67 8 7
26	65 2 2	66 10 10	26	68 7 10	70 5 1
27	67 8 3	69 5 9	27	71 3 6	73 1 7
28	70 2 4	72 0 7	28	73 11 3	75 10 1
29	72 8 5	74 7 6	29	76 6 11	78 6 7
30	75 2 6	77 2 4	30	79 2 7	81 3 1
31	77 8 7	79 9 3	31	81 10 3	83 11 7
32	80 2 8	82 4 2	32	84 6 0	86 8 2
33	82 8 9	84 11 0	33	87 1 8	89 4 8
34	85 2 10	87 5 11	34	89 9 4	92 1 2
35	87 8 11	90 0 9	35	92 5 0	94 9 8
36	90 3 0	92 7 8	36	95 0 9	97 6 2
37	92 9 1	95 2 6	37	97 8 4	100 2 8
38	95 3 2	97 9 4	38	100 4 0	102 11 2
39	97 9 3	100 4 3	39	102 11 9	105 7 8
40	100 3 4	102 11 2	40	105 7 6	108 4 2
In.	F. I. P.	F. I. P.	In.	F. I. P.	F. I. P.
3	0 7 6	0 7 8	3	0 7 11	0 8 1
6	1 3 0	1 3 5	6	1 3 10	1 4 3
9	1 10 6	1 11 1	9	1 11 9	2 0 4

Feet in length.	Side 20 In.			Side 20½ In.			Feet in length.	Side 20½ In.			Side 20¾ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	2	9	4	2	10	2	1	2	11	0	2	11	10
2	5	6	8	5	8	4	2	5	10	0	5	11	9
3	8	4	0	8	6	6	3	8	9	0	8	11	7
4	11	1	4	11	4	8	4	11	8	1	11	11	6
5	13	10	8	14	2	10	5	14	7	1	14	11	4
6	16	8	0	17	1	0	6	17	6	1	17	11	3
7	19	5	4	19	11	2	7	20	5	1	20	11	1
8	22	2	8	22	9	4	8	23	4	2	23	11	0
9	25	0	0	25	7	6	9	26	3	2	26	10	11
10	27	9	4	28	5	8	10	29	2	2	29	10	9
11	30	6	8	31	3	10	11	32	1	2	32	10	8
12	33	4	0	34	2	0	12	35	0	3	35	10	6
13	36	1	4	37	0	2	13	37	11	3	38	10	5
14	38	10	8	39	10	4	14	40	10	3	41	10	3
15	41	8	0	42	8	6	15	43	9	3	44	10	2
16	44	5	4	45	6	9	16	46	8	4	47	10	1
17	47	2	8	48	4	11	17	49	7	4	50	9	11
18	50	0	0	51	3	1	18	52	6	4	53	9	10
19	52	9	4	54	1	3	19	55	5	4	56	9	8
20	55	6	8	56	11	5	20	58	4	5	59	9	7
21	58	4	0	59	9	7	21	61	3	5	62	9	5
22	61	1	4	62	7	9	22	64	2	5	65	9	4
23	63	10	8	65	5	11	23	67	1	5	68	9	2
24	66	8	0	68	0	1	24	70	0	6	71	9	1
25	69	5	4	71	2	3	25	72	11	6	74	9	0
26	72	2	8	74	0	5	26	75	10	6	77	8	10
27	75	0	0	76	10	7	27	78	9	6	80	8	9
28	77	9	4	79	8	9	28	81	8	7	83	8	7
29	80	6	8	82	6	11	29	84	7	7	86	8	6
30	83	4	0	85	5	1	30	87	6	7	89	8	4
31	86	1	4	88	3	3	31	90	5	7	92	8	3
32	88	10	8	91	1	6	32	93	4	8	95	8	2
33	91	8	0	93	11	8	33	96	3	8	98	8	0
34	94	5	4	96	9	10	34	99	2	8	101	7	11
35	97	2	8	99	8	0	35	102	1	8	104	7	9
36	100	0	0	102	6	2	36	105	0	9	107	7	8
37	102	9	4	105	4	4	37	107	11	9	110	7	6
38	105	6	8	108	2	6	38	110	10	9	113	7	4
39	108	4	0	111	0	8	39	113	9	9	116	7	3
40	111	1	4	113	10	8	40	116	8	10	119	7	2
In.	F.	I.	P.	F.	I.	P.	In.	F.	I.	P.	F.	I.	P.
3	0	8	4	0	8	6	3	0	8	9	0	8	11
6	1	4	8	1	5	1	6	1	5	6	1	5	11
9	2	1	0	2	1	7	9	2	2	3	2	2	10



# CUBE MEASURE.

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Feet in length.	Side 21 In.	Side 21 $\frac{1}{4}$ In.	Feet in length.	Side 21 $\frac{1}{2}$ In.	Side 21 $\frac{3}{4}$ In.
	F. I. P.	F. I. P.		F. I. P.	F. I. P.
1	3 0 9	3 1 7	1	3 2 6	3 3 5
2	6 1 6	6 3 3	2	6 5 0	6 6 10
3	9 2 3	9 4 10	3	9 7 6	9 10 3
4	12 3 0	12 6 6	4	12 10 1	13 1 8
5	15 3 9	15 8 1	5	16 0 7	16 5 1
6	18 4 6	18 9 9	6	19 3 1	19 8 6
7	21 5 3	21 11 4	7	22 5 7	22 11 11
8	24 6 0	25 1 0	8	25 8 2	26 3 4
9	27 6 9	28 2 8	9	28 10 8	29 6 9
10	30 7 6	31 4 3	10	32 1 2	32 10 2
11	33 8 3	34 5 11	11	35 3 8	36 1 7
12	36 9 0	37 7 6	12	38 6 3	39 5 0
13	39 9 9	40 9 2	13	41 8 9	42 8 5
14	42 10 6	43 10 9	14	44 11 3	45 11 10
15	45 11 3	47 0 5	15	48 1 9	49 3 4
16	49 0 0	50 2 1	16	51 4 4	52 6 9
17	52 0 9	53 3 8	17	54 6 10	55 10 2
18	55 1 6	56 5 4	18	57 9 4	59 1 7
19	58 2 3	59 6 11	19	60 11 10	62 5 0
20	61 3 0	62 8 7	20	64 2 5	65 8 5
21	64 3 9	65 10 2	21	67 4 11	68 11 10
22	67 4 6	68 11 10	22	70 7 5	72 3 3
23	70 5 3	72 1 5	23	73 9 11	75 6 8
24	73 6 0	75 3 1	24	77 0 6	78 10 1
25	76 6 9	78 4 9	25	80 3 0	82 1 6
26	79 7 6	81 6 4	26	83 5 6	85 4 11
27	82 8 3	84 8 0	27	86 8 0	88 8 4
28	85 9 0	87 9 7	28	89 10 7	91 11 9
29	88 9 9	90 11 3	29	93 1 1	95 3 3
30	91 10 6	94 0 10	30	96 3 7	98 6 8
31	94 11 3	97 2 6	31	99 6 1	101 10 1
32	98 0 0	100 4 2	32	102 8 8	105 1 6
33	101 0 9	103 5 9	33	105 11 2	108 4 11
34	104 1 6	106 7 5	34	109 1 8	111 8 4
35	107 2 3	109 9 0	35	112 4 2	114 11 9
36	110 3 0	112 10 8	36	115 6 9	118 3 2
37	113 3 9	116 0 3	37	118 9 3	121 6 7
38	116 4 6	119 1 10	38	121 11 9	124 10 0
39	119 5 3	122 3 6	39	125 2 3	128 1 5
40	122 6 0	125 5 2	40	128 4 10	131 4 10
In.	F. I. P.	F. I. P.	In.	F. I. P.	F. I. P.
3	0 9 2	0 9 4	3	0 9 7	0 9 10
6	1 6 4	1 6 9	6	1 7 3	1 7 8
9	2 3 6	2 4 2	9	2 4 10	2 5 6

Feet in length.	Side 22 In.			Side 22 $\frac{1}{4}$ In.			Feet in length.	Side 22 $\frac{1}{2}$ In.			Side 22 $\frac{3}{4}$ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	3	4	4	3	5	3	1	3	6	2	3	7	1
2	6	8	8	6	10	6	2	7	0	4	7	2	3
3	10	1	0	10	3	9	3	10	6	6	10	9	4
4	13	5	4	13	9	0	4	14	0	8	14	4	6
5	16	9	8	17	2	3	5	17	6	10	17	11	7
6	20	2	0	20	7	6	6	21	1	0	21	6	9
7	23	6	4	24	0	9	7	24	7	2	25	1	10
8	26	10	8	27	6	0	8	28	1	4	28	9	0
9	30	3	0	30	11	3	9	31	7	6	32	4	2
10	33	7	4	34	4	6	10	35	1	8	35	11	3
11	36	11	8	37	9	9	11	38	7	10	39	6	5
12	40	4	0	41	3	0	12	42	2	0	43	1	6
13	43	8	4	44	8	3	13	45	8	2	46	8	8
14	47	0	8	48	1	6	14	49	2	4	50	3	9
15	50	5	0	51	6	9	15	52	8	6	53	10	11
16	53	9	4	55	0	1	16	56	2	8	57	6	1
17	57	1	8	58	5	4	17	59	8	10	61	1	2
18	60	6	0	61	10	7	18	63	3	0	64	8	4
19	63	10	4	65	3	10	19	66	9	2	68	3	5
20	67	2	8	68	9	1	20	70	3	4	71	10	7
21	70	7	0	72	2	4	21	73	9	6	75	5	8
22	73	11	4	75	7	7	22	77	3	8	79	0	10
23	77	3	8	79	0	10	23	80	9	10	82	7	11
24	80	8	0	82	6	1	24	84	4	0	86	3	1
25	84	0	4	85	11	4	25	87	10	2	89	10	3
26	87	4	8	89	4	7	26	91	4	4	93	5	4
27	90	9	0	92	9	10	27	94	10	6	97	0	6
28	94	1	4	96	3	1	28	98	4	8	100	7	7
29	97	5	8	99	8	4	29	101	10	10	104	2	9
30	100	10	0	103	1	7	30	105	5	0	107	9	10
31	104	2	4	106	6	10	31	108	11	2	111	5	0
32	107	6	8	110	0	2	32	112	5	4	115	0	2
33	110	11	0	113	5	5	33	115	11	6	118	7	3
34	114	3	4	116	10	8	34	119	5	8	122	2	5
35	117	7	8	120	3	11	35	122	11	10	125	9	6
36	121	0	0	123	9	2	36	126	6	9	129	4	8
37	124	4	4	127	2	5	37	130	0	2	132	11	9
38	127	8	8	130	7	8	38	133	6	4	136	6	10
39	131	1	0	134	0	11	39	137	0	6	140	2	0
40	134	5	4	137	6	2	40	140	6	8	143	9	2
In.	F. I. P.			F. I. P.			In.	F. I. P.			F. I. P.		
3	0	10	1	0	10	3	3	0	10	6	0	10	9
6	1	8	2	1	8	7	6	1	9	1	1	9	6
9	2	6	3	2	6	11	9	2	7	7	2	8	4

## CUBE MEASURE.

19

Feet in length.	Side 23 In.			Feet in length.	Side 23½ In.			Feet in length.	Side 23¾ In.		
	F.	I.	P.		F.	I.	P.		F.	I.	P.
1	3	8	1	1	3	10	0	1	3	11	0
2	7	4	2	2	7	8	0	2	7	10	0
3	11	0	3	3	11	6	0	3	11	9	0
4	14	8	4	4	15	4	1	4	15	8	0
5	18	4	5	5	19	2	1	5	19	7	0
6	22	0	6	6	23	0	1	6	23	6	0
7	25	8	7	7	26	10	1	7	27	5	0
8	29	4	8	8	30	8	2	8	31	4	0
9	33	0	9	9	34	6	2	9	35	3	0
10	36	8	10	10	38	4	2	10	39	2	0
11	40	4	11	11	42	2	2	11	43	1	0
12	44	1	0	12	46	0	3	12	47	0	0
13	47	9	1	13	49	10	3	13	50	11	0
14	51	5	2	14	53	8	3	14	54	10	0
15	55	1	3	15	57	6	3	15	58	9	0
16	58	9	4	16	61	4	4	16	62	8	1
17	62	5	5	17	65	2	4	17	66	7	1
18	66	1	6	18	69	0	4	18	70	6	1
19	69	9	7	19	72	10	4	19	74	5	1
20	73	5	8	20	76	8	5	20	78	4	1
21	77	1	9	21	80	6	5	21	82	3	1
22	80	9	10	22	84	4	5	22	86	2	1
23	84	5	11	23	88	2	5	23	90	1	1
24	88	2	0	24	92	0	6	24	94	0	1
25	91	10	1	25	95	10	6	25	97	11	1
26	95	6	2	26	99	8	6	26	101	10	1
27	99	2	3	27	103	6	6	27	105	9	1
28	102	10	4	28	107	4	7	28	109	8	1
29	106	6	5	29	111	2	7	29	113	7	1
30	110	2	6	30	115	0	7	30	117	6	1
31	113	10	7	31	118	10	7	31	121	5	1
32	117	6	8	32	122	8	8	32	125	4	2
33	121	2	9	33	126	6	8	33	129	3	2
34	124	10	10	34	130	4	8	34	133	2	2
35	128	6	11	35	134	2	8	35	137	1	2
36	132	3	0	36	138	0	9	36	141	0	2
37	135	11	1	37	141	10	9	37	144	11	2
38	139	7	2	38	145	8	9	38	148	10	2
39	143	3	3	39	149	6	9	39	152	9	2
40	146	11	4	40	153	4	10	40	156	8	2
In.	F.	I.	P.	In.	F.	I.	P.	In.	F.	I.	P.
3	0	11	0	3	0	11	6	3	0	11	9
6	1	10	0	6	1	11	0	6	1	11	6
9	2	9	0	9	2	10	6	9	2	11	3

## CUBE MEASURE.

Feet in length.	Side 24 In.			Feet in length.	Side 24½ In.			Feet in length.	Side 24½ In.		
	F.	I.	P.		F.	I.	P.		F.	I.	P.
1	4	0	0	1	4	2	0	1	4	3	0
2	8	0	0	2	8	4	0	2	8	6	1
3	12	0	0	3	12	6	0	3	12	9	1
4	16	0	0	4	16	8	1	4	17	0	2
5	20	0	0	5	20	10	1	5	21	3	2
6	24	0	0	6	25	0	1	6	25	6	3
7	28	0	0	7	29	2	1	7	29	9	3
8	32	0	0	8	33	4	2	8	34	0	4
9	36	0	0	9	37	6	2	9	38	3	5
10	40	0	0	10	41	8	2	10	42	6	5
11	44	0	0	11	45	10	2	11	46	9	6
12	48	0	0	12	50	0	3	12	51	0	6
13	52	0	0	13	54	2	3	13	55	3	7
14	56	0	0	14	58	4	3	14	59	6	7
15	60	0	0	15	62	6	3	15	63	9	8
16	64	0	0	16	66	8	4	16	68	0	9
17	68	0	0	17	70	10	4	17	72	3	9
18	72	0	0	18	75	0	4	18	76	6	10
19	76	0	0	19	79	2	4	19	80	9	10
20	80	0	0	20	83	4	5	20	85	0	11
21	84	0	0	21	87	6	5	21	89	3	11
22	88	0	0	22	91	8	5	22	93	7	0
23	92	0	0	23	95	10	5	23	97	10	0
24	96	0	0	24	100	0	6	24	102	1	1
25	100	0	0	25	104	2	6	25	106	4	2
26	104	0	0	26	108	4	6	26	110	7	2
27	108	0	0	27	112	6	6	27	114	10	3
28	112	0	0	28	116	8	7	28	119	1	3
29	116	0	0	29	120	10	7	29	123	4	4
30	120	0	0	30	125	0	7	30	127	7	4
31	124	0	0	31	129	2	7	31	131	10	5
32	128	0	0	32	133	4	8	32	136	1	6
33	132	0	0	33	137	6	8	33	140	4	6
34	136	0	0	34	141	8	8	34	144	7	7
35	140	0	0	35	145	10	8	35	148	10	7
36	144	0	0	36	150	0	9	36	153	1	8
37	148	0	0	37	154	2	9	37	157	4	8
38	152	0	0	38	158	4	9	38	161	7	8
39	156	0	0	39	162	6	9	39	165	10	9
40	160	0	0	40	166	8	10	40	170	1	10
In.	F.	I.	P.	In.	F.	I.	P.	In.	F.	I.	P.
3	1	0	0	3	1	0	6	3	1	0	9
6	2	0	0	6	2	1	0	6	2	1	6
9	3	0	0	9	3	1	6	9	3	2	3

## CUBE MEASURE.

21

Feet in length.	Side 25 In.			Feet in length.	Side 25½ In.			Feet in length.	Side 25¾ In.		
	F.	I.	P.		F.	I.	P.		F.	I.	P.
1	4	4	1	1	4	6	2	1	4	7	3
2	8	8	2	2	9	0	4	2	9	2	6
3	13	0	3	3	13	6	6	3	13	9	9
4	17	4	4	4	18	0	9	4	18	5	0
5	21	8	5	5	22	6	11	5	23	0	3
6	26	0	6	6	27	1	1	6	27	7	6
7	30	4	7	7	31	7	3	7	32	2	9
8	34	8	8	8	36	1	6	8	36	10	0
9	39	0	9	9	40	8		9	41	5	3
10	43	4	10	10	45	1	10	10	46	0	6
11	47	8	11	11	49	8	0	11	50	7	9
12	52	1	0	12	54	2	3	12	55	3	0
13	56	5	1	13	58	8	5	13	59	10	3
14	60	9	2	14	63	2	7	14	64	5	6
15	65	1	3	15	67	8	9	15	69	0	9
16	69	5	4	16	72	3	0	16	73	8	1
17	73	9	5	17	76	9	2	17	78	3	4
18	78	1	6	18	81	3	4	18	82	10	7
19	82	5	7	19	85	9	6	19	87	5	10
20	86	9	8	20	90	3	9	20	92	1	1
21	91	1	9	21	94	9	11	21	96	8	4
22	95	5	10	22	99	4	1	22	101	3	7
23	99	9	11	23	103	10	3	23	105	10	10
24	104	2	0	24	108	4	6	24	110	6	1
25	108	6	1	25	112	10	8	25	115	1	4
26	112	10	2	26	117	4	10	26	119	8	7
27	117	2	3	27	121	11	0	27	124	3	10
28	121	6	4	28	126	5	2	28	128	11	1
29	125	10	5	29	130	11	5	29	133	6	4
30	130	2	6	30	135	5	7	30	138	1	6
31	134	6	7	31	139	11	9	31	142	8	10
32	138	10	8	32	144	6	0	32	147	4	2
33	143	2	9	33	149	0	2	33	151	11	5
34	147	6	10	34	153	6	4	34	156	6	8
35	151	10	11	35	158	0	6	35	161	1	11
36	156	3	0	36	162	6	9	36	165	9	2
37	160	7	1	37	167	0	11	37	170	4	5
38	164	11	2	38	171	7	1	38	174	11	8
39	169	3	3	39	176	1	3	39	179	6	11
40	173	7	4	40	180	7	6	40	184	2	2
In.	F. I. P.			In.	F. I. P.			In.	F. I. P.		
3	1	1	0	3	1	1	6	3	1	1	9
6	2	2	0	6	2	3	1	6	2	3	7
9	3	3	0	9	3	4	7	9	3	5	5



## CUBE MEASURE.

Feet in length.	Side 26 In.			Side 26 $\frac{1}{4}$ In.			Feet in length.	Side 26 $\frac{1}{2}$ In.			Side 26 $\frac{3}{4}$ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	4	8	4	4	9	5	1	4	10	6	4	11	7
2	9	4	8	9	6	10	2	9	9	0	9	11	3
3	14	1	0	14	4	3	3	14	7	6	14	10	10
4	18	9	4	19	1	8	4	19	6	1	19	10	6
5	23	5	8	23	11	1	5	24	4	7	24	10	1
6	28	2	0	28	8	6	6	29	3	1	29	9	9
7	32	10	4	33	5	11	7	34	1	7	34	9	4
8	37	6	8	38	3	4	8	39	0	2	39	9	0
9	42	3	0	43	0	9	9	43	10	8	44	8	8
10	46	11	4	47	10	2	10	48	9	2	49	8	3
11	51	7	8	52	7	7	11	53	7	8	54	7	11
12	56	4	0	57	5	0	12	58	6	3	59	7	6
13	61	0	4	62	2	5	13	63	4	9	64	7	2
14	65	8	8	66	11	10	14	68	3	3	69	6	9
15	70	5	0	71	9	3	15	73	1	9	74	6	5
16	75	1	4	76	6	9	16	78	0	4	79	6	1
17	79	9	8	81	4	2	17	82	10	10	84	5	8
18	84	6	0	86	1	7	18	87	9	4	89	5	4
19	89	2	4	90	11	0	19	92	7	10	94	4	11
20	93	10	8	95	8	5	20	97	6	5	99	4	7
21	98	7	0	100	5	10	21	102	4	11	104	4	2
22	103	3	4	105	3	3	22	107	3	5	109	3	10
23	107	11	8	110	0	8	23	112	1	11	114	3	5
24	112	8	0	114	10	1	24	117	0	6	119	3	1
25	117	4	4	119	7	6	25	121	11	0	124	2	9
26	122	0	8	124	4	11	26	126	9	6	129	2	4
27	126	9	0	129	2	4	27	131	8	0	134	2	0
28	131	5	4	133	11	9	28	136	6	7	139	1	7
29	136	1	8	138	9	2	29	141	5	1	144	1	3
30	140	10	0	143	6	7	30	146	3	7	149	0	10
31	145	6	4	148	4	0	31	151	2	1	154	0	6
32	150	2	8	153	1	6	32	156	0	8	159	0	2
33	154	11	0	157	10	11	33	160	11	2	163	11	9
34	159	7	4	162	8	4	34	165	9	8	168	11	5
35	164	3	8	167	5	9	35	170	8	2	173	11	0
36	169	0	0	172	3	2	36	175	6	9	178	10	8
37	173	8	4	177	0	7	37	180	5	2	183	10	3
38	178	4	8	181	10	0	38	185	3	8	188	9	10
39	183	1	0	186	7	5	39	190	2	3	193	9	6
40	187	9	4	191	4	10	40	195	0	10	198	9	2
In.	F.	I.	P.	F.	I.	P.	In.	F.	I.	P.	F.	I.	P.
3	1	2	1	1	2	4	3	1	2	7	1	2	10
6	2	4	2	2	4	8	6	2	5	3	2	5	9
9	3	6	3	3	7	0	9	3	7	10	3	8	8

## CUBE MEASURE.

23

Feet in length.	Side 27 In.	Side 27 $\frac{1}{4}$ In.	Feet in length.	Side 27 $\frac{1}{2}$ In.	Side 27 $\frac{3}{4}$ In.
	F. I. P.	F. I. P.		F. I. P.	F. I. P.
1	5 0 9	5 1 10	1	5 3 0	5 4 2
2	10 1 6	10 3 9	2	10 6 0	10 8 4
3	15 2 3	15 5 7	3	15 9 0	16 0 6
4	20 3 0	20 7 6	4	21 0 1	21 4 8
5	25 3 9	25 9 4	5	26 3 1	26 8 10
6	30 4 6	30 11 3	6	31 6 1	32 1 0
7	35 5 3	36 1 1	7	36 9 1	37 5 2
8	40 6 0	41 3 0	8	42 0 2	42 9 4
9	45 6 9	46 4 11	9	47 3 2	48 1 6
10	50 7 6	51 6 9	10	52 6 2	53 5 8
11	55 8 3	56 8 8	11	57 9 2	58 9 10
12	60 9 0	61 10 6	12	63 0 3	64 2 0
13	65 9 9	67 0 5	13	68 3 3	69 6 2
14	70 10 6	72 2 3	14	73 6 3	74 10 4
15	75 11 3	77 4 2	15	78 9 3	80 2 6
16	81 0 0	82 6 1	16	84 0 4	85 6 9
17	86 0 9	87 7 11	17	89 3 4	90 10 11
18	91 1 6	92 9 10	18	94 6 4	96 3 1
19	96 2 3	97 11 8	19	99 9 4	101 7 3
20	101 3 0	103 1 7	20	105 0 5	106 11 5
21	106 3 9	108 3 5	21	110 3 5	112 3 7
22	111 4 6	113 5 4	22	115 6 5	117 7 9
23	116 5 3	118 7 2	23	120 9 5	122 11 11
24	121 6 0	123 9 1	24	126 0 6	128 4 1
25	126 6 9	128 11 0	25	131 3 6	133 8 3
26	131 7 6	134 0 10	26	136 6 6	139 0 5
27	136 8 3	139 2 9	27	141 9 6	144 4 7
28	141 9 0	144 4 7	28	147 0 7	149 8 9
29	146 9 9	149 6 6	29	152 3 7	155 0 11
30	151 10 6	154 8 4	30	157 6 7	160 5 1
31	156 11 3	159 10 3	31	162 9 7	165 9 3
32	162 0 0	165 0 2	32	168 0 8	171 1 6
33	167 0 9	170 2 0	33	173 3 8	176 5 8
34	172 1 6	175 3 11	34	178 6 8	181 9 10
35	177 2 3	180 5 9	35	183 9 8	187 2 0
36	182 3 0	185 7 8	36	189 0 9	192 6 2
37	187 3 9	190 9 6	37	194 3 9	197 10 4
38	192 4 6	195 11 4	38	199 6 9	203 2 6
39	197 5 3	201 1 3	39	204 9 9	208 6 8
40	202 6 0	206 3 2	40	210 0 10	213 10 10
In.	F. I. P.	F. I. P.	In.	F. I. P.	F. I. P.
3	1 3 2	1 3 5	3	1 3 9	1 4 0
6	2 6 4	2 6 11	6	2 7 6	2 8 1
9	3 9 6	3 10 4	9	3 11 3	4 0 1

Feet in length.	Side 28 In.			Side 28½ In.			Feet in length.	Side 28½ In.			Side 28¾ In.		
	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.
1	5	5	4	5	6	6	1	5	7	8	5	8	10
2	10	10	8	11	1	0	2	11	3	4	11	5	9
3	16	4	0	16	7	6	3	16	11	0	17	2	7
4	21	9	4	22	2	0	4	22	6	9	22	11	6
5	27	2	8	27	8	6	5	28	2	5	28	8	4
6	32	8	0	33	3	0	6	33	10	1	34	5	3
7	38	1	4	38	9	6	7	39	5	9	40	2	1
8	43	6	8	44	4	0	8	45	1	6	45	11	0
9	49	0	0	49	10	6	9	50	9	2	51	7	11
10	54	5	4	55	5	0	10	56	4	10	57	4	9
11	59	10	8	60	11	6	11	62	0	6	63	1	8
12	65	4	0	66	6	0	12	67	8	3	68	10	6
13	70	9	4	72	0	6	13	73	3	11	74	7	5
14	76	2	8	77	7	0	14	78	11	7	80	4	3
15	81	8	0	83	1	6	15	84	7	3	86	1	2
16	87	1	4	88	8	1	16	90	3	0	91	10	1
17	92	6	8	94	2	7	17	95	10	8	97	6	11
18	98	0	0	99	9	1	18	101	6	4	103	3	10
19	103	5	4	105	3	7	19	107	2	0	109	0	8
20	108	10	8	110	10	1	20	112	9	9	114	9	7
21	114	4	0	116	4	7	21	118	5	5	120	6	5
22	119	9	4	121	11	1	22	124	1	1	126	3	4
23	125	2	8	127	5	7	23	129	8	9	132	0	2
24	130	8	0	133	0	1	24	135	4	6	137	9	1
25	136	1	4	138	6	7	25	141	0	2	143	6	0
26	141	6	8	144	1	1	26	146	7	10	149	2	10
27	147	0	0	149	7	7	27	152	3	6	154	11	9
28	152	5	4	155	2	1	28	157	11	3	160	8	7
29	157	10	8	160	8	7	29	163	6	11	166	5	6
30	163	4	0	166	3	1	30	169	2	7	172	2	4
31	168	9	4	171	9	7	31	174	10	3	177	11	3
32	174	2	8	177	4	2	32	180	6	0	183	8	2
33	179	8	0	182	10	8	33	186	1	8	189	5	0
34	185	1	4	188	5	2	34	191	9	4	195	1	11
35	190	6	8	193	11	8	35	197	5	0	200	10	9
36	196	0	0	199	6	2	36	203	0	9	206	7	8
37	201	5	4	205	0	8	37	208	8	5	212	4	6
38	206	10	8	210	7	2	38	214	4	1	218	1	4
39	212	4	0	216	1	8	39	219	11	9	223	10	3
40	217	9	4	221	8	2	40	225	7	6	229	7	2
In.	F. I. P.			F. I. P.			In.	F. I. P.			F. I. P.		
3	1	4	4	1	4	7	3	1	4	11	1	5	2
6	2	8	8	2	9	3	6	2	9	10	2	10	5
9	4	1	0	4	1	10	9	4	2	9	4	3	8

# CUBE MEASURE.

25

Feet in length.	Side 29 In.			Feet in length.	Side 29½ In.			Feet in length.	Side 29¾ In.		
	F.	I.	P.		F.	I.	P.		F.	I.	P.
1	5	10	1	1	5	11	3	1	6	0	6
2	11	8	2	2	11	10	7	2	12	1	0
3	17	6	3	3	17	9	10	3	18	1	6
4	23	4	4	4	23	9	2	4	24	2	1
5	29	2	5	5	29	8	5	5	30	2	7
6	35	0	6	6	35	7	9	6	36	3	1
7	40	10	7	7	41	7	0	7	42	3	7
8	46	8	8	8	47	6	4	8	48	4	2
9	52	6	9	9	53	5	8	9	54	4	8
10	58	4	10	10	59	4	11	10	60	5	2
11	64	2	11	11	65	4	3	11	66	5	8
12	70	1	0	12	71	3	6	12	72	6	3
13	75	11	1	13	77	2	10	13	78	6	9
14	81	9	2	14	83	2	1	14	84	7	3
15	87	7	3	15	89	1	5	15	90	7	9
16	93	5	4	16	95	0	9	16	96	8	4
17	99	3	5	17	101	0	0	17	102	8	10
18	105	1	6	18	106	11	4	18	108	9	4
19	110	11	7	19	112	10	7	19	114	9	10
20	116	9	8	20	118	9	11	20	120	10	5
21	122	7	9	21	124	9	2	21	126	10	11
22	128	5	10	22	130	8	6	22	132	11	5
23	134	3	11	23	136	7	9	23	138	11	11
24	140	2	0	24	142	7	1	24	145	0	6
25	146	0	1	25	148	6	5	25	151	1	0
26	151	10	2	26	154	5	8	26	157	1	6
27	157	8	3	27	160	5	0	27	163	2	0
28	163	6	4	28	166	4	3	28	169	2	7
29	169	4	5	29	172	3	7	29	175	3	1
30	175	2	6	30	178	2	10	30	181	3	7
31	181	0	7	31	184	2	2	31	187	4	1
32	186	10	8	32	190	1	6	32	193	4	8
33	192	8	9	33	196	0	9	33	199	5	2
34	198	6	10	34	202	0	1	34	205	5	8
35	204	4	11	35	207	11	4	35	211	6	2
36	210	3	0	36	213	10	8	36	217	6	9
37	216	1	1	37	219	9	11	37	223	7	3
38	221	11	2	38	225	9	2	38	229	7	9
39	227	9	3	39	231	8	6	39	235	8	3
40	233	7	4	40	237	7	10	40	241	8	10
37	227	4	11	37	229	7	9	37	233	6	8
38	233	6	8	38	239	8	5	38	245	10	2
39	239	8	5	39				39			
40	245	10	2	40				40			
In.	F. I. P.			In.	F. I. P.			In.	F. I. P.		
3	1	5	6	3	1	6	1	3	1	6	5
6	2	11	0	6	3	0	3	6	3	0	10
9	4	4	6	9	4	6	4	9	4	7	3

## CUBE MEASURE.

Feet in length.	Side 30 In.		
	F.	I.	P.
1	6	3	0
2	12	6	0
3	18	9	0
4	25	0	0
5	31	3	0
6	37	6	0
7	43	9	0
8	50	0	0
9	56	3	0
10	62	6	0
11	68	9	0
12	75	0	0
13	81	3	0
14	87	6	0
15	93	9	0
16	100	0	0
17	106	3	0
18	112	6	0
19	118	9	0
20	125	0	0
21	131	3	0
22	137	6	0
23	143	9	0
24	150	0	0
25	156	3	0
26	162	6	0
27	168	9	0
28	175	0	0
29	181	3	0
30	187	6	0
31	193	9	0
32	200	0	0
33	206	3	0
34	212	6	0
35	218	9	0
36	225	0	0
37	231	3	0
38	237	6	0
39	243	9	0
40	250	0	0
In.	F. I. P.		
3	1	6	9
6	3	1	6
9	4	8	3



A  
TABLE  
OF  
CIRCUMFERENCES:

SHEWING

The true Area or superficial Content of any Circle, by which, and the Length of any round piece of Timber, &c., the exact Solidity, in the Table of Solid and Superficial Measure, may be readily found.

To which are added their Diameters, together with the exact Side of a Square, answering to their several Circumferences.

## CIRCUMFERENCES, &amp;c.

Circumferences.		Areas.	Diameters.				Side of Square.			
F.	I.	Inches.	F.	I.	P.	S.	F.	I.	P.	S.
1	00	11 $\frac{1}{2}$	0	3	9	10	0	3	4	7
1	01	13 $\frac{1}{2}$	0	4	1	8	0	3	8	0
1	02	15 $\frac{1}{2}$	0	4	5	6	0	3	11	4
1	03	18	0	4	9	3	0	4	2	9
1	04	20 $\frac{1}{2}$	0	5	1	6	0	4	6	2
1	05	22 $\frac{3}{4}$	0	5	5	0	0	4	9	6
1	06	25 $\frac{3}{4}$	0	5	8	9	0	5	0	11
1	07	28 $\frac{3}{4}$	0	6	0	6	0	5	4	3
1	08	32 $\frac{3}{4}$	0	6	4	5	0	5	7	8
1	09	35	0	6	8	3	0	5	11	1
1	10	38 $\frac{1}{2}$	0	7	0	0	0	6	2	5
1	11	42	0	7	3	10	0	6	5	10
2	00	45 $\frac{3}{4}$	0	7	7	8	0	6	9	2
2	01	49 $\frac{3}{4}$	0	7	11	6	0	7	0	7
2	02	53 $\frac{3}{4}$	0	8	3	4	0	7	4	1
2	03	58	0	8	7	2	0	7	7	5
2	04	62 $\frac{1}{2}$	0	8	11	0	0	7	10	9
2	05	67	0	9	2	9	0	8	2	2
2	06	71 $\frac{1}{2}$	0	9	6	7	0	8	5	6
2	07	76 $\frac{1}{2}$	0	9	10	5	0	8	8	11
2	08	81 $\frac{1}{2}$	0	10	2	3	0	9	0	3
2	09	86 $\frac{3}{4}$	0	10	6	1	0	9	3	8
2	10	92	0	10	9	10	0	9	7	1
2	11	97 $\frac{1}{2}$	0	11	1	9	0	9	10	6
3	00	103 $\frac{1}{4}$	0	11	5	7	0	10	1	10
3	01	109	0	11	9	4	0	10	5	3
3	02	115	1	0	1	2	0	10	8	8
3	03	121	1	0	5	0	0	11	0	0
3	04	127 $\frac{1}{2}$	1	0	8	10	0	11	3	4
3	05	133 $\frac{1}{4}$	1	1	0	7	0	11	6	9
3	06	140 $\frac{1}{2}$	1	1	4	5	0	11	10	2
3	07	147 $\frac{1}{4}$	1	1	8	3	1	0	1	6
3	08	154	1	2	0	1	1	0	4	11
3	09	161 $\frac{1}{4}$	1	2	3	11	1	0	8	3
3	10	168 $\frac{1}{2}$	1	2	7	9	1	0	11	8
3	11	175 $\frac{3}{4}$	1	2	11	7	1	1	3	1
4	00	183 $\frac{1}{2}$	1	3	3	4	1	1	6	6
4	01	191	1	3	7	2	1	1	9	10
4	02	199	1	3	11	0	1	2	1	3
4	03	207	1	4	2	10	1	2	4	8
4	04	215 $\frac{1}{4}$	1	4	6	8	1	2	8	0
4	05	223 $\frac{1}{2}$	1	4	10	6	1	2	11	4
4	06	232	1	5	2	4	1	3	2	9
4	07	240 $\frac{3}{4}$	1	5	6	2	1	3	6	2
4	08	249 $\frac{1}{2}$	1	5	10	0	1	3	9	6

Circumferences.		Areas.	Diameters.				Side of Square.			
F.	I.	Inches.	F.	I.	P.	S.	F.	I.	P.	S.
4	09	258 $\frac{1}{2}$	1	6	1	9	1	4	0	11
4	10	267 $\frac{3}{4}$	1	6	5	7	1	4	4	4
4	11	277	1	6	9	5	1	4	7	8
5	00	286 $\frac{1}{2}$	1	7	1	3	1	4	11	1
5	01	296	1	7	5	1	1	5	2	5
5	02	306	1	7	8	11	1	5	5	10
5	03	316	1	8	0	9	1	5	9	3
5	04	325 $\frac{3}{4}$	1	8	4	6	1	6	0	7
5	05	336 $\frac{1}{4}$	1	8	8	4	1	6	4	0
5	06	346 $\frac{1}{2}$	1	9	0	2	1	6	7	5
5	07	357 $\frac{1}{4}$	1	9	4	0	1	6	10	9
5	08	368	1	9	7	10	1	7	2	2
5	09	379	1	9	11	8	1	7	5	7
5	10	390	1	10	3	6	1	7	8	11
5	11	401 $\frac{1}{4}$	1	10	7	3	1	8	0	4
6	00	412 $\frac{1}{2}$	1	10	11	1	1	8	3	9
6	01	424	1	11	2	11	1	8	7	1
6	02	435 $\frac{3}{4}$	1	11	6	9	1	8	10	6
6	03	447 $\frac{3}{4}$	1	11	10	7	1	9	1	11
6	04	459 $\frac{3}{4}$	2	0	2	5	1	9	5	3
6	05	471 $\frac{3}{4}$	2	0	6	3	1	9	8	8
6	06	484 $\frac{1}{4}$	2	0	10	0	1	10	0	0
6	07	496 $\frac{3}{4}$	2	1	1	10	1	10	3	5
6	08	509 $\frac{1}{4}$	2	1	5	8	1	10	6	10
6	09	522	2	1	9	6	1	10	10	2
6	10	535	2	2	1	4	1	11	1	7
6	11	548 $\frac{1}{4}$	2	2	5	2	1	11	4	11
7	00	561 $\frac{1}{2}$	2	2	8	11	1	11	8	4
7	01	575	2	3	0	9	1	11	11	9
7	02	588 $\frac{1}{2}$	2	3	4	7	2	0	3	1
7	03	602 $\frac{3}{4}$	2	3	8	5	2	0	6	6
7	04	616 $\frac{1}{4}$	2	4	0	3	2	0	9	11
7	05	630 $\frac{1}{4}$	2	4	4	1	2	1	1	3
7	06	644 $\frac{1}{2}$	2	4	7	11	2	1	4	8
7	07	659	2	4	11	9	2	1	8	0
7	08	673 $\frac{1}{2}$	2	5	3	7	2	1	11	5
7	09	688 $\frac{1}{4}$	2	5	7	4	2	2	2	9
7	10	703 $\frac{1}{4}$	2	5	11	2	2	2	6	2
7	11	718 $\frac{1}{4}$	2	6	3	0	2	2	9	7
8	00	733 $\frac{1}{2}$	2	6	6	10	2	3	1	0
8	01	748 $\frac{3}{4}$	2	6	10	8	2	3	4	1
8	02	764 $\frac{1}{4}$	2	7	2	6	2	3	7	8
8	03	780	2	7	6	3	2	3	11	1
8	04	796	2	7	10	1	2	4	2	6
8	05	811 $\frac{3}{4}$	2	8	1	11	2	4	5	11

Circumferences.		Areas.	Diameters.				Side of Square.			
F.	I.	Inches.	F.	I.	P.	S.	F.	I.	P.	S.
8	06	828	2	8	5	9	2	4	9	3
8	07	844 $\frac{1}{4}$	2	8	9	7	2	5	0	8
8	08	860 $\frac{3}{4}$	2	9	1	5	2	5	4	1
8	09	877 $\frac{1}{4}$	2	9	5	3	2	5	7	5
8	10	894 $\frac{1}{4}$	2	9	9	0	2	5	10	9
8	11	911	2	10	0	9	2	6	2	2
9	00	928 $\frac{1}{4}$	2	10	4	8	2	6	5	7
9	01	945 $\frac{1}{2}$	2	10	8	6	2	6	8	11
9	02	963	2	11	0	4	2	7	0	4
9	03	980 $\frac{1}{2}$	2	11	4	2	2	7	3	8
9	04	998 $\frac{1}{4}$	2	11	8	0	2	7	7	1
9	05	1016 $\frac{1}{4}$	2	11	11	9	2	7	10	6
9	06	1034 $\frac{1}{4}$	3	0	3	7	2	8	1	10
9	07	1052 $\frac{1}{2}$	3	0	7	5	2	8	5	3
9	08	1070 $\frac{3}{4}$	3	0	11	3	2	8	8	8
9	09	1089 $\frac{1}{4}$	3	1	3	1	2	9	0	0
9	10	1108	3	1	6	11	2	9	3	5
9	11	1127	3	1	10	9	2	9	6	9
10	00	1146	3	2	2	4	2	9	10	2
10	01	1165	3	2	6	2	2	10	1	7
10	02	1184 $\frac{1}{2}$	3	2	10	0	2	10	5	0
10	03	1204	3	3	1	10	2	10	8	4
10	04	1223 $\frac{1}{4}$	3	3	5	8	2	10	11	9
10	05	1243 $\frac{1}{2}$	3	3	9	6	2	11	3	1
10	06	1263 $\frac{1}{2}$	3	4	1	4	2	11	6	6
10	07	1283 $\frac{1}{2}$	3	4	5	1	2	11	9	10
10	08	1303 $\frac{3}{4}$	3	4	8	11	3	0	1	3
10	09	1324 $\frac{3}{4}$	3	5	0	9	3	0	4	9
10	10	1344 $\frac{3}{4}$	3	5	4	7	3	0	8	0
10	11	1365 $\frac{3}{4}$	3	5	8	5	3	0	11	5
11	00	1386 $\frac{1}{2}$	3	6	0	3	3	1	2	10
11	01	1407 $\frac{1}{2}$	3	6	4	1	3	1	6	2
11	02	1428 $\frac{3}{4}$	3	6	8	0	3	1	9	7
11	03	1450 $\frac{1}{2}$	3	6	11	10	3	2	0	11

A  
NEW TABLE  
OF  
SQUARE AND UNEQUAL SIDES;

SHEWING

The true Area or superficial Content of any Oblong, Square, or unequal-sided Square, by which, and the length of any unequal-sided piece of Mahogany, Marble, &c. the true Solidity, in the Table of Solid and Superficial Measure, may be readily found.



Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	Inches.	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$
2	4	..	..	..	3	9	..	..	..
2 $\frac{1}{4}$	4 $\frac{1}{2}$	5 $\frac{1}{8}$	..	..	3 $\frac{1}{4}$	9 $\frac{3}{4}$	10 $\frac{5}{8}$	..	..
2 $\frac{1}{2}$	5	5 $\frac{3}{8}$	6 $\frac{1}{4}$	..	3 $\frac{1}{2}$	10 $\frac{1}{2}$	11 $\frac{3}{8}$	12 $\frac{1}{4}$	..
2 $\frac{3}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$	6 $\frac{7}{8}$	7 $\frac{5}{8}$	3 $\frac{3}{4}$	11 $\frac{1}{4}$	12 $\frac{1}{4}$	13 $\frac{1}{8}$	14
3	6	6 $\frac{3}{4}$	7 $\frac{1}{2}$	8 $\frac{1}{4}$	4	12	13	14	15
3 $\frac{1}{4}$	6 $\frac{1}{2}$	7 $\frac{3}{8}$	8 $\frac{1}{8}$	9	4 $\frac{1}{4}$	12 $\frac{3}{4}$	13 $\frac{3}{4}$	14 $\frac{5}{8}$	16
3 $\frac{1}{2}$	7	7 $\frac{7}{8}$	8 $\frac{3}{4}$	9 $\frac{5}{8}$	4 $\frac{1}{2}$	13 $\frac{1}{2}$	14 $\frac{5}{8}$	15 $\frac{3}{4}$	16 $\frac{7}{8}$
3 $\frac{3}{4}$	7 $\frac{1}{2}$	8 $\frac{1}{2}$	9 $\frac{3}{8}$	10 $\frac{1}{4}$	4 $\frac{3}{4}$	14 $\frac{1}{4}$	15 $\frac{1}{2}$	16 $\frac{5}{8}$	17 $\frac{7}{8}$
4	8	9	10	11	5	15	16 $\frac{1}{4}$	17 $\frac{1}{2}$	18 $\frac{3}{4}$
4 $\frac{1}{4}$	8 $\frac{1}{2}$	9 $\frac{5}{8}$	10 $\frac{5}{8}$	11 $\frac{3}{4}$	5 $\frac{1}{4}$	15 $\frac{3}{4}$	17	18 $\frac{3}{8}$	19 $\frac{1}{4}$
4 $\frac{1}{2}$	9	10 $\frac{1}{8}$	11 $\frac{1}{8}$	12 $\frac{1}{8}$	5 $\frac{1}{2}$	16 $\frac{1}{2}$	17 $\frac{7}{8}$	19 $\frac{1}{4}$	20 $\frac{5}{8}$
4 $\frac{3}{4}$	9 $\frac{1}{2}$	10 $\frac{3}{4}$	11 $\frac{7}{8}$	13 $\frac{1}{8}$	5 $\frac{3}{4}$	17 $\frac{1}{4}$	18 $\frac{3}{4}$	20 $\frac{3}{8}$	21 $\frac{5}{8}$
5	10	11 $\frac{1}{4}$	12 $\frac{1}{2}$	13 $\frac{3}{4}$	6	18	19 $\frac{1}{2}$	21	22 $\frac{1}{2}$
5 $\frac{1}{4}$	10 $\frac{1}{2}$	11 $\frac{7}{8}$	13 $\frac{1}{8}$	14 $\frac{1}{2}$	6 $\frac{1}{4}$	18 $\frac{3}{4}$	20 $\frac{1}{4}$	21 $\frac{7}{8}$	23 $\frac{1}{2}$
5 $\frac{1}{2}$	11	12 $\frac{3}{8}$	13 $\frac{3}{4}$	15 $\frac{1}{8}$	6 $\frac{1}{2}$	19 $\frac{1}{2}$	21 $\frac{1}{8}$	22 $\frac{3}{8}$	24 $\frac{3}{8}$
5 $\frac{3}{4}$	11 $\frac{1}{2}$	13	14 $\frac{3}{8}$	15 $\frac{3}{4}$	6 $\frac{3}{4}$	20 $\frac{1}{4}$	22	23 $\frac{5}{8}$	25 $\frac{5}{8}$
6	12	13 $\frac{1}{2}$	15	16 $\frac{1}{2}$	7	21	22 $\frac{3}{4}$	24 $\frac{1}{2}$	26 $\frac{1}{4}$
6 $\frac{1}{4}$	12 $\frac{1}{2}$	14 $\frac{1}{8}$	15 $\frac{5}{8}$	17 $\frac{1}{4}$	7 $\frac{1}{4}$	21 $\frac{3}{4}$	23 $\frac{1}{2}$	25 $\frac{3}{8}$	27 $\frac{1}{4}$
6 $\frac{1}{2}$	13	14 $\frac{3}{8}$	16 $\frac{1}{4}$	17 $\frac{7}{8}$	7 $\frac{1}{2}$	22 $\frac{1}{2}$	24 $\frac{3}{8}$	26 $\frac{1}{2}$	28 $\frac{1}{8}$
6 $\frac{3}{4}$	13 $\frac{1}{2}$	15 $\frac{1}{4}$	16 $\frac{7}{8}$	18 $\frac{5}{8}$	7 $\frac{3}{4}$	23 $\frac{1}{4}$	25 $\frac{1}{4}$	27 $\frac{1}{8}$	29 $\frac{5}{8}$
7	14	15 $\frac{3}{4}$	17 $\frac{1}{2}$	19 $\frac{1}{4}$	8	24	26	28	30
7 $\frac{1}{4}$	14 $\frac{1}{2}$	16 $\frac{3}{8}$	18 $\frac{1}{8}$	20	8 $\frac{1}{4}$	24 $\frac{3}{4}$	26 $\frac{3}{4}$	28 $\frac{7}{8}$	31
7 $\frac{1}{2}$	15	16 $\frac{7}{8}$	18 $\frac{3}{4}$	20 $\frac{5}{8}$	8 $\frac{1}{2}$	25 $\frac{1}{2}$	27 $\frac{5}{8}$	29 $\frac{3}{4}$	31 $\frac{7}{8}$
7 $\frac{3}{4}$	15 $\frac{1}{2}$	17 $\frac{1}{2}$	19 $\frac{3}{8}$	21 $\frac{3}{8}$	8 $\frac{3}{4}$	26 $\frac{1}{4}$	28 $\frac{1}{2}$	30 $\frac{5}{8}$	32 $\frac{7}{8}$
8	16	18	20	22	9	27	29 $\frac{1}{4}$	31 $\frac{1}{2}$	33 $\frac{3}{4}$
8 $\frac{1}{4}$	16 $\frac{1}{2}$	18 $\frac{5}{8}$	20 $\frac{5}{8}$	22 $\frac{3}{4}$	9 $\frac{1}{4}$	27 $\frac{3}{4}$	30	32 $\frac{3}{8}$	34 $\frac{3}{4}$
8 $\frac{1}{2}$	17	19 $\frac{1}{8}$	21 $\frac{1}{4}$	23 $\frac{3}{8}$	9 $\frac{1}{2}$	28 $\frac{1}{2}$	30 $\frac{7}{8}$	33 $\frac{1}{4}$	35 $\frac{5}{8}$
8 $\frac{3}{4}$	17 $\frac{1}{2}$	19 $\frac{3}{4}$	21 $\frac{7}{8}$	24 $\frac{1}{8}$	9 $\frac{3}{4}$	29 $\frac{1}{4}$	31 $\frac{3}{4}$	34 $\frac{5}{8}$	36 $\frac{5}{8}$
9	18	20 $\frac{1}{4}$	22 $\frac{1}{2}$	24 $\frac{3}{4}$	10	30	32 $\frac{1}{2}$	35	37 $\frac{1}{2}$
9 $\frac{1}{2}$	19	21 $\frac{3}{8}$	23 $\frac{1}{4}$	26 $\frac{1}{8}$	10 $\frac{1}{2}$	31 $\frac{1}{2}$	34 $\frac{1}{8}$	36 $\frac{3}{4}$	39 $\frac{3}{8}$
10	20	22 $\frac{1}{2}$	25	27 $\frac{1}{2}$	11	33	35 $\frac{3}{8}$	38 $\frac{1}{2}$	41 $\frac{1}{4}$
10 $\frac{1}{2}$	21	23 $\frac{5}{8}$	26 $\frac{1}{4}$	28 $\frac{7}{8}$	11 $\frac{1}{2}$	34 $\frac{1}{2}$	37 $\frac{3}{8}$	40 $\frac{1}{4}$	43 $\frac{1}{8}$
11	22	24 $\frac{3}{4}$	27 $\frac{1}{2}$	30 $\frac{1}{4}$	12	36	39	42	45
11 $\frac{1}{2}$	23	25 $\frac{7}{8}$	28 $\frac{3}{4}$	31 $\frac{5}{8}$	12 $\frac{1}{2}$	37 $\frac{1}{2}$	40 $\frac{5}{8}$	43 $\frac{3}{4}$	46 $\frac{7}{8}$
12	24	27	30	33	13	39	42 $\frac{1}{4}$	45 $\frac{1}{2}$	48 $\frac{3}{4}$
12 $\frac{1}{2}$	25	28 $\frac{1}{8}$	31 $\frac{1}{4}$	34 $\frac{3}{8}$	13 $\frac{1}{2}$	40 $\frac{1}{2}$	43 $\frac{7}{8}$	47 $\frac{1}{4}$	50 $\frac{5}{8}$
13	26	29 $\frac{1}{4}$	32 $\frac{1}{2}$	35 $\frac{3}{4}$	14	42	45 $\frac{3}{8}$	49	52 $\frac{1}{2}$
13 $\frac{1}{2}$	27	30 $\frac{3}{8}$	33 $\frac{3}{8}$	37 $\frac{1}{8}$	14 $\frac{1}{2}$	43 $\frac{1}{2}$	47 $\frac{1}{2}$	50 $\frac{3}{4}$	54 $\frac{3}{8}$
14	28	31 $\frac{1}{2}$	35	38 $\frac{1}{2}$	15	45	48 $\frac{3}{4}$	52 $\frac{1}{4}$	56 $\frac{1}{4}$
14 $\frac{1}{2}$	29	32 $\frac{5}{8}$	36 $\frac{1}{4}$	39 $\frac{7}{8}$	15 $\frac{1}{2}$	46 $\frac{1}{2}$	50 $\frac{5}{8}$	54 $\frac{1}{2}$	58 $\frac{1}{8}$
15	30	33 $\frac{3}{4}$	37 $\frac{1}{2}$	41 $\frac{1}{4}$	16	48	52	56	60

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	Inches.	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$
4	16	..	..	..	5	25	..	..	..
4 $\frac{1}{4}$	17	18	..	..	5 $\frac{1}{4}$	26 $\frac{1}{4}$	27 $\frac{5}{8}$	..	..
4 $\frac{1}{2}$	18	19 $\frac{1}{8}$	20 $\frac{1}{4}$	..	5 $\frac{1}{2}$	27 $\frac{1}{2}$	28 $\frac{3}{8}$	30 $\frac{1}{4}$	..
4 $\frac{3}{4}$	19	20 $\frac{1}{4}$	21 $\frac{3}{8}$	22 $\frac{5}{8}$	5 $\frac{3}{4}$	28	30 $\frac{1}{4}$	31 $\frac{5}{8}$	33
5	20	21 $\frac{1}{4}$	22 $\frac{1}{2}$	23 $\frac{3}{4}$	6	30	31 $\frac{1}{2}$	33	34 $\frac{1}{2}$
5 $\frac{1}{4}$	21	22 $\frac{3}{8}$	23 $\frac{5}{8}$	25	6 $\frac{1}{4}$	31 $\frac{1}{4}$	32 $\frac{3}{8}$	34 $\frac{3}{8}$	36
5 $\frac{1}{2}$	22	23 $\frac{3}{8}$	24 $\frac{1}{4}$	26 $\frac{1}{8}$	6 $\frac{1}{2}$	32 $\frac{1}{2}$	34 $\frac{3}{8}$	35 $\frac{1}{4}$	37 $\frac{3}{8}$
5 $\frac{3}{4}$	23	24 $\frac{1}{2}$	25 $\frac{7}{8}$	27 $\frac{3}{8}$	6 $\frac{3}{4}$	33 $\frac{1}{4}$	35 $\frac{1}{2}$	37 $\frac{1}{8}$	38 $\frac{7}{8}$
6	24	25 $\frac{1}{2}$	27	28 $\frac{1}{2}$	7	35	36 $\frac{3}{4}$	38 $\frac{1}{2}$	40 $\frac{1}{4}$
6 $\frac{1}{4}$	25	26 $\frac{5}{8}$	28 $\frac{1}{8}$	29 $\frac{3}{4}$	7 $\frac{1}{4}$	36 $\frac{1}{4}$	38	39 $\frac{7}{8}$	41 $\frac{3}{4}$
6 $\frac{1}{2}$	26	27 $\frac{7}{8}$	29 $\frac{1}{4}$	30 $\frac{7}{8}$	7 $\frac{1}{2}$	37 $\frac{1}{2}$	39 $\frac{3}{8}$	41 $\frac{1}{4}$	43 $\frac{1}{8}$
6 $\frac{3}{4}$	27	28 $\frac{3}{4}$	30 $\frac{3}{8}$	32	7 $\frac{3}{4}$	38 $\frac{3}{4}$	40 $\frac{3}{4}$	42 $\frac{5}{8}$	44 $\frac{5}{8}$
7	28	29 $\frac{3}{4}$	31 $\frac{1}{2}$	33 $\frac{1}{4}$	8	40	42	44	46
7 $\frac{1}{4}$	29	30 $\frac{7}{8}$	32 $\frac{5}{8}$	34 $\frac{1}{2}$	8 $\frac{1}{4}$	41 $\frac{1}{4}$	43 $\frac{3}{8}$	45 $\frac{3}{8}$	47 $\frac{1}{2}$
7 $\frac{1}{2}$	30	31 $\frac{7}{8}$	33 $\frac{3}{4}$	35 $\frac{5}{8}$	8 $\frac{1}{2}$	42 $\frac{1}{2}$	44 $\frac{3}{8}$	46 $\frac{3}{4}$	48 $\frac{7}{8}$
7 $\frac{3}{4}$	31	33	34 $\frac{5}{8}$	36 $\frac{7}{8}$	8 $\frac{3}{4}$	43 $\frac{3}{4}$	46	48 $\frac{5}{8}$	50 $\frac{5}{8}$
8	32	34	36	38	9	45	47 $\frac{1}{4}$	49 $\frac{1}{2}$	51 $\frac{3}{4}$
8 $\frac{1}{4}$	33	35	37 $\frac{1}{4}$	39 $\frac{1}{4}$	9 $\frac{1}{4}$	46 $\frac{1}{4}$	48 $\frac{5}{8}$	50 $\frac{7}{8}$	53 $\frac{1}{4}$
8 $\frac{1}{2}$	34	36 $\frac{1}{8}$	38 $\frac{1}{4}$	40 $\frac{3}{8}$	9 $\frac{1}{2}$	47 $\frac{1}{2}$	49 $\frac{7}{8}$	52 $\frac{1}{4}$	54 $\frac{5}{8}$
8 $\frac{3}{4}$	35	37 $\frac{1}{8}$	39 $\frac{3}{8}$	41 $\frac{5}{8}$	9 $\frac{3}{4}$	48 $\frac{3}{4}$	51 $\frac{1}{4}$	53 $\frac{5}{8}$	56
9	36	38 $\frac{1}{4}$	40 $\frac{1}{2}$	42 $\frac{3}{4}$	10	50	52 $\frac{1}{2}$	55	57 $\frac{1}{2}$
9 $\frac{1}{4}$	37	39 $\frac{1}{4}$	41 $\frac{5}{8}$	44	10 $\frac{1}{4}$	51 $\frac{1}{4}$	53 $\frac{3}{4}$	56 $\frac{3}{8}$	58 $\frac{7}{8}$
9 $\frac{1}{2}$	38	40 $\frac{3}{8}$	42 $\frac{3}{4}$	45 $\frac{1}{8}$	10 $\frac{1}{2}$	52 $\frac{1}{2}$	55 $\frac{1}{2}$	57 $\frac{3}{4}$	60 $\frac{1}{4}$
9 $\frac{3}{4}$	39	41 $\frac{3}{8}$	43 $\frac{7}{8}$	46 $\frac{3}{8}$	10 $\frac{3}{4}$	53 $\frac{3}{4}$	56 $\frac{1}{2}$	59 $\frac{1}{8}$	61 $\frac{3}{4}$
10	40	42 $\frac{1}{2}$	45	47 $\frac{1}{2}$	11	55	57 $\frac{3}{4}$	60 $\frac{1}{2}$	63 $\frac{1}{8}$
10 $\frac{1}{4}$	41	43 $\frac{5}{8}$	46 $\frac{1}{8}$	48 $\frac{3}{4}$	11 $\frac{1}{4}$	56 $\frac{1}{4}$	59 $\frac{1}{8}$	61 $\frac{5}{8}$	64 $\frac{5}{8}$
10 $\frac{1}{2}$	42	44 $\frac{5}{8}$	47 $\frac{1}{4}$	50	11 $\frac{1}{2}$	57 $\frac{1}{2}$	60 $\frac{1}{2}$	63 $\frac{1}{4}$	66
10 $\frac{3}{4}$	43	45 $\frac{3}{4}$	48 $\frac{3}{8}$	51 $\frac{1}{8}$	11 $\frac{3}{4}$	58 $\frac{3}{4}$	61 $\frac{3}{4}$	64 $\frac{5}{8}$	67 $\frac{1}{2}$
11	44	46 $\frac{3}{4}$	49 $\frac{1}{2}$	52 $\frac{1}{4}$	12	60	63	66	69
11 $\frac{1}{2}$	46	48 $\frac{7}{8}$	51 $\frac{3}{4}$	54 $\frac{3}{4}$	12 $\frac{1}{2}$	62 $\frac{1}{2}$	65 $\frac{3}{4}$	68 $\frac{3}{4}$	72
12	48	51	54	57	13	65	68 $\frac{1}{4}$	71 $\frac{1}{2}$	74 $\frac{3}{4}$
12 $\frac{1}{2}$	50	53 $\frac{1}{8}$	56 $\frac{1}{4}$	59 $\frac{3}{8}$	13 $\frac{1}{2}$	67 $\frac{1}{2}$	70 $\frac{7}{8}$	74 $\frac{1}{4}$	77 $\frac{1}{2}$
13	52	55 $\frac{1}{4}$	58 $\frac{1}{2}$	61 $\frac{3}{4}$	14	70	73 $\frac{1}{2}$	77	80 $\frac{1}{2}$
13 $\frac{1}{2}$	54	57 $\frac{3}{8}$	60 $\frac{3}{4}$	64 $\frac{1}{8}$	14 $\frac{1}{2}$	72 $\frac{1}{2}$	76 $\frac{1}{2}$	79 $\frac{3}{4}$	83 $\frac{1}{4}$
14	56	59 $\frac{1}{2}$	63	66 $\frac{1}{2}$	15	75	78 $\frac{3}{4}$	82 $\frac{1}{2}$	86 $\frac{1}{4}$
14 $\frac{1}{2}$	58	61 $\frac{5}{8}$	65 $\frac{1}{4}$	68 $\frac{7}{8}$	15 $\frac{1}{2}$	77 $\frac{1}{2}$	81 $\frac{1}{8}$	85 $\frac{1}{4}$	89
15	60	63 $\frac{3}{4}$	67 $\frac{1}{2}$	71 $\frac{1}{4}$	16	80	84	88	92
15 $\frac{1}{2}$	62	65 $\frac{7}{8}$	69 $\frac{3}{4}$	73 $\frac{5}{8}$	16 $\frac{1}{2}$	82 $\frac{1}{2}$	86 $\frac{5}{8}$	90 $\frac{3}{4}$	94 $\frac{7}{8}$
16	64	68	72	76	17	85	89 $\frac{1}{4}$	93 $\frac{1}{2}$	97 $\frac{3}{4}$

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	6	$6\frac{1}{4}$	$6\frac{1}{2}$	$6\frac{3}{4}$	Inches.	7	$7\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{3}{4}$
6	36	..	..	..	7	49	..	..	..
$6\frac{1}{4}$	$37\frac{1}{2}$	$39\frac{1}{10}$	..	..	$7\frac{1}{4}$	$50\frac{3}{4}$	$52\frac{5}{8}$	..	..
$6\frac{1}{2}$	39	$40\frac{3}{8}$	$42\frac{1}{4}$	..	$7\frac{1}{2}$	$52\frac{1}{2}$	$54\frac{3}{8}$	$56\frac{1}{4}$	..
$6\frac{3}{4}$	$40\frac{1}{2}$	$42\frac{1}{4}$	$45\frac{7}{8}$	$45\frac{5}{8}$	$7\frac{3}{4}$	$54\frac{1}{4}$	$56\frac{1}{4}$	$58\frac{3}{8}$	60
7	42	$43\frac{3}{4}$	$45\frac{1}{2}$	$47\frac{1}{4}$	8	56	58	60	62
$7\frac{1}{4}$	$43\frac{1}{2}$	$45\frac{3}{8}$	$47\frac{1}{8}$	49	$8\frac{1}{4}$	$57\frac{3}{4}$	$59\frac{7}{8}$	$61\frac{5}{8}$	64
$7\frac{1}{2}$	45	$46\frac{1}{2}$	$48\frac{3}{4}$	$50\frac{5}{8}$	$8\frac{1}{2}$	$59\frac{1}{2}$	$61\frac{5}{8}$	$63\frac{3}{4}$	$65\frac{7}{8}$
$7\frac{3}{4}$	$46\frac{1}{2}$	$48\frac{1}{2}$	$50\frac{3}{8}$	$52\frac{3}{8}$	$8\frac{3}{4}$	$61\frac{1}{4}$	$63\frac{1}{2}$	$65\frac{3}{8}$	$67\frac{7}{8}$
8	48	50	52	54	9	63	$65\frac{1}{4}$	$67\frac{1}{2}$	$69\frac{3}{4}$
$8\frac{1}{4}$	$49\frac{1}{2}$	$51\frac{5}{8}$	$53\frac{5}{8}$	$55\frac{3}{4}$	$9\frac{1}{4}$	$64\frac{3}{4}$	67	$69\frac{3}{8}$	$71\frac{3}{4}$
$8\frac{1}{2}$	51	$53\frac{1}{4}$	$55\frac{1}{4}$	$57\frac{3}{8}$	$9\frac{1}{2}$	$66\frac{1}{2}$	$68\frac{7}{8}$	$71\frac{1}{4}$	$73\frac{5}{8}$
$8\frac{3}{4}$	$52\frac{1}{2}$	$54\frac{3}{4}$	$56\frac{7}{8}$	$59\frac{1}{8}$	$9\frac{3}{4}$	$68\frac{1}{4}$	$70\frac{3}{4}$	$73\frac{3}{8}$	$75\frac{5}{8}$
9	54	$56\frac{1}{2}$	$58\frac{1}{2}$	$60\frac{3}{4}$	10	70	$72\frac{1}{2}$	75	$77\frac{1}{2}$
$9\frac{1}{4}$	$55\frac{1}{2}$	$57\frac{7}{8}$	$60\frac{1}{8}$	$62\frac{1}{2}$	$10\frac{1}{4}$	$71\frac{3}{4}$	$74\frac{3}{8}$	$76\frac{7}{8}$	$79\frac{1}{2}$
$9\frac{1}{2}$	57	$59\frac{3}{8}$	$61\frac{3}{4}$	$64\frac{1}{8}$	$10\frac{1}{2}$	$73\frac{1}{2}$	$76\frac{1}{8}$	$78\frac{3}{8}$	$81\frac{3}{8}$
$9\frac{3}{4}$	$58\frac{1}{2}$	61	$63\frac{3}{8}$	$65\frac{7}{8}$	$10\frac{3}{4}$	$75\frac{1}{4}$	78	$80\frac{3}{8}$	$83\frac{3}{8}$
10	60	$62\frac{1}{2}$	65	$67\frac{1}{2}$	11	77	$79\frac{3}{4}$	$82\frac{1}{2}$	$85\frac{1}{4}$
$10\frac{1}{4}$	$61\frac{1}{2}$	64	$66\frac{5}{8}$	$69\frac{1}{4}$	$11\frac{1}{4}$	$78\frac{3}{4}$	$81\frac{5}{8}$	$84\frac{3}{8}$	$87\frac{1}{4}$
$10\frac{1}{2}$	63	$65\frac{3}{8}$	$68\frac{1}{4}$	$70\frac{7}{8}$	$11\frac{1}{2}$	$80\frac{1}{2}$	$83\frac{3}{8}$	$86\frac{1}{4}$	$89\frac{1}{8}$
$10\frac{3}{4}$	$64\frac{1}{2}$	$67\frac{1}{4}$	$69\frac{7}{8}$	$72\frac{1}{2}$	$11\frac{3}{4}$	$82\frac{1}{4}$	$85\frac{1}{4}$	$88\frac{1}{4}$	$91\frac{1}{8}$
11	66	$68\frac{3}{4}$	$71\frac{1}{2}$	$74\frac{1}{4}$	12	84	87	90	93
$11\frac{1}{4}$	$67\frac{1}{2}$	$70\frac{3}{8}$	$73\frac{1}{8}$	76	$12\frac{1}{4}$	$85\frac{3}{4}$	$88\frac{7}{8}$	$91\frac{7}{8}$	95
$11\frac{1}{2}$	69	$71\frac{7}{8}$	$74\frac{3}{4}$	$77\frac{5}{8}$	$12\frac{1}{2}$	$87\frac{1}{2}$	$90\frac{5}{8}$	$93\frac{3}{4}$	$96\frac{7}{8}$
$11\frac{3}{4}$	$70\frac{1}{2}$	$73\frac{1}{2}$	$76\frac{3}{8}$	$79\frac{3}{8}$	$12\frac{3}{4}$	$89\frac{1}{4}$	$92\frac{1}{2}$	$95\frac{3}{8}$	$98\frac{7}{8}$
12	72	75	78	81	13	91	$94\frac{1}{4}$	$97\frac{1}{2}$	$100\frac{3}{4}$
$12\frac{1}{4}$	$73\frac{1}{2}$	$76\frac{1}{2}$	$79\frac{5}{8}$	$82\frac{3}{4}$	$13\frac{1}{4}$	$92\frac{3}{4}$	96	$99\frac{3}{8}$	$102\frac{3}{4}$
$12\frac{1}{2}$	75	$78\frac{1}{4}$	$81\frac{1}{4}$	$84\frac{3}{8}$	$13\frac{1}{2}$	$94\frac{1}{2}$	$97\frac{7}{8}$	$101\frac{1}{4}$	$104\frac{5}{8}$
$12\frac{3}{4}$	$76\frac{1}{2}$	$79\frac{3}{8}$	$82\frac{7}{8}$	$86\frac{1}{8}$	$13\frac{3}{4}$	$96\frac{1}{4}$	$99\frac{3}{4}$	$103\frac{3}{8}$	$106\frac{5}{8}$
13	78	$81\frac{1}{4}$	$84\frac{1}{2}$	$87\frac{3}{4}$	14	98	$101\frac{1}{2}$	105	$108\frac{1}{2}$
$13\frac{1}{2}$	81	$84\frac{3}{8}$	$87\frac{3}{4}$	$91\frac{1}{8}$	$14\frac{1}{2}$	$101\frac{1}{2}$	$105\frac{1}{8}$	$108\frac{3}{4}$	$112\frac{3}{8}$
14	84	$87\frac{1}{2}$	91	$94\frac{1}{2}$	15	105	$108\frac{3}{4}$	$112\frac{1}{2}$	$116\frac{1}{4}$
$14\frac{1}{2}$	87	$90\frac{5}{8}$	$94\frac{1}{4}$	$97\frac{7}{8}$	$15\frac{1}{2}$	$108\frac{1}{2}$	$112\frac{3}{8}$	$116\frac{1}{4}$	$120\frac{1}{8}$
15	90	$93\frac{3}{4}$	$97\frac{1}{2}$	$101\frac{1}{4}$	16	112	116	120	124
$15\frac{1}{2}$	93	$96\frac{7}{8}$	$100\frac{3}{4}$	$104\frac{5}{8}$	$16\frac{1}{2}$	$115\frac{1}{2}$	$119\frac{5}{8}$	$123\frac{3}{4}$	$127\frac{7}{8}$
16	96	100	104	108	17	119	$123\frac{1}{4}$	$127\frac{1}{2}$	$131\frac{3}{4}$
$16\frac{1}{2}$	99	$103\frac{1}{8}$	$107\frac{1}{4}$	$111\frac{3}{8}$	$17\frac{1}{2}$	$122\frac{1}{2}$	$126\frac{3}{8}$	$131\frac{1}{4}$	$135\frac{5}{8}$
17	102	$106\frac{1}{4}$	$110\frac{1}{2}$	$114\frac{3}{4}$	18	126	$130\frac{1}{2}$	135	$139\frac{1}{2}$
$17\frac{1}{2}$	105	$109\frac{3}{8}$	$113\frac{3}{4}$	$118\frac{5}{8}$	$18\frac{1}{2}$	$129\frac{1}{2}$	$134\frac{3}{8}$	$138\frac{3}{4}$	$143\frac{5}{8}$
18	108	$112\frac{1}{2}$	117	$121\frac{1}{2}$	19	133	$137\frac{3}{8}$	$142\frac{1}{2}$	$147\frac{1}{4}$
$18\frac{1}{2}$	111	$115\frac{5}{8}$	$120\frac{1}{4}$	$124\frac{7}{8}$	$19\frac{1}{2}$	$136\frac{1}{2}$	$141\frac{3}{8}$	$146\frac{1}{4}$	$151\frac{1}{8}$
19	114	$118\frac{3}{4}$	$123\frac{1}{2}$	$128\frac{1}{4}$	20	140	145	150	155

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	8	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$	Inches.	9	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$
8	64	..	..	..	9	81	..	..	..
$8\frac{1}{4}$	66	68	..	..	$9\frac{1}{4}$	$83\frac{1}{4}$	$85\frac{5}{8}$	..	..
$8\frac{1}{2}$	68	$70\frac{1}{8}$	$72\frac{1}{4}$	..	$9\frac{1}{2}$	$85\frac{1}{2}$	$87\frac{7}{8}$	$90\frac{1}{4}$	..
$8\frac{3}{4}$	70	$72\frac{1}{4}$	$74\frac{3}{8}$	$76\frac{5}{8}$	$9\frac{3}{4}$	$87\frac{3}{4}$	$90\frac{1}{4}$	$92\frac{5}{8}$	95
9	72	$74\frac{1}{4}$	$76\frac{1}{2}$	$78\frac{3}{4}$	10	90	$92\frac{1}{2}$	95	$97\frac{1}{2}$
$9\frac{1}{4}$	74	$76\frac{3}{8}$	$78\frac{5}{8}$	81	$10\frac{1}{4}$	$92\frac{1}{4}$	$94\frac{7}{8}$	$97\frac{3}{8}$	100
$9\frac{1}{2}$	76	$78\frac{3}{8}$	$80\frac{3}{4}$	$83\frac{1}{8}$	$10\frac{1}{2}$	$94\frac{1}{2}$	$97\frac{1}{8}$	$99\frac{3}{4}$	$102\frac{3}{8}$
$9\frac{3}{4}$	78	$80\frac{1}{2}$	$82\frac{7}{8}$	$85\frac{3}{8}$	$10\frac{3}{4}$	$96\frac{3}{4}$	$99\frac{1}{2}$	$102\frac{1}{8}$	$104\frac{5}{8}$
10	80	$82\frac{1}{2}$	85	$87\frac{1}{2}$	11	99	$101\frac{3}{4}$	$104\frac{1}{2}$	$107\frac{1}{4}$
$10\frac{1}{4}$	82	$84\frac{5}{8}$	$87\frac{1}{8}$	$89\frac{3}{4}$	$11\frac{1}{4}$	$101\frac{1}{4}$	$104\frac{1}{8}$	$106\frac{7}{8}$	$109\frac{5}{4}$
$10\frac{1}{2}$	84	$86\frac{3}{8}$	$89\frac{1}{4}$	$91\frac{7}{8}$	$11\frac{1}{2}$	$103\frac{1}{2}$	$106\frac{3}{8}$	$109\frac{1}{4}$	$112\frac{1}{8}$
$10\frac{3}{4}$	86	$88\frac{3}{4}$	$91\frac{3}{8}$	94	$11\frac{3}{4}$	$105\frac{3}{4}$	$108\frac{3}{4}$	$111\frac{5}{8}$	$114\frac{5}{8}$
11	88	$90\frac{3}{4}$	$93\frac{1}{2}$	$96\frac{1}{4}$	12	108	111	114	117
$11\frac{1}{4}$	90	$92\frac{7}{8}$	$95\frac{5}{8}$	$98\frac{1}{2}$	$12\frac{1}{4}$	$110\frac{1}{4}$	$113\frac{3}{8}$	$116\frac{3}{8}$	$119\frac{1}{2}$
$11\frac{1}{2}$	92	$94\frac{1}{2}$	$97\frac{1}{4}$	$100\frac{5}{8}$	$12\frac{1}{2}$	$112\frac{1}{2}$	$115\frac{5}{8}$	$118\frac{3}{4}$	$121\frac{7}{8}$
$11\frac{3}{4}$	94	97	$99\frac{7}{8}$	$102\frac{7}{8}$	$12\frac{3}{4}$	$114\frac{3}{4}$	118	$121\frac{1}{8}$	$124\frac{3}{8}$
12	96	99	102	105	13	117	$120\frac{1}{4}$	$123\frac{1}{2}$	$126\frac{3}{4}$
$12\frac{1}{4}$	98	101	$104\frac{1}{8}$	$107\frac{1}{4}$	$13\frac{1}{4}$	$119\frac{1}{4}$	$122\frac{5}{8}$	$125\frac{7}{8}$	$129\frac{1}{4}$
$12\frac{1}{2}$	100	$103\frac{1}{8}$	$106\frac{1}{4}$	$109\frac{3}{8}$	$13\frac{1}{2}$	$121\frac{1}{2}$	$124\frac{7}{8}$	$128\frac{1}{4}$	$131\frac{5}{8}$
$12\frac{3}{4}$	102	$105\frac{1}{4}$	$109\frac{3}{8}$	$111\frac{7}{8}$	$13\frac{3}{4}$	$123\frac{3}{4}$	$127\frac{1}{4}$	$130\frac{5}{8}$	134
13	104	$107\frac{1}{4}$	$110\frac{1}{2}$	$113\frac{3}{4}$	14	126	$129\frac{1}{2}$	133	$136\frac{1}{2}$
$13\frac{1}{4}$	106	$109\frac{3}{8}$	$112\frac{5}{8}$	116	$14\frac{1}{4}$	$128\frac{1}{4}$	$131\frac{7}{8}$	$135\frac{3}{8}$	139
$13\frac{1}{2}$	108	$111\frac{3}{8}$	$114\frac{3}{4}$	$118\frac{1}{8}$	$14\frac{1}{2}$	130	$134\frac{1}{8}$	$137\frac{3}{4}$	$141\frac{3}{8}$
$13\frac{3}{4}$	110	$113\frac{1}{2}$	$116\frac{7}{8}$	$120\frac{3}{8}$	$14\frac{3}{4}$	$132\frac{3}{4}$	$136\frac{1}{2}$	$140\frac{1}{8}$	$143\frac{3}{4}$
14	112	$115\frac{1}{2}$	119	$122\frac{1}{2}$	15	135	$138\frac{3}{4}$	$142\frac{1}{2}$	$146\frac{1}{4}$
$14\frac{1}{4}$	114	$117\frac{5}{8}$	$121\frac{1}{8}$	$124\frac{3}{4}$	$15\frac{1}{4}$	$137\frac{1}{4}$	$141\frac{1}{8}$	$144\frac{7}{8}$	$148\frac{3}{4}$
$14\frac{1}{2}$	116	$119\frac{5}{8}$	$123\frac{1}{4}$	$126\frac{7}{8}$	$15\frac{1}{2}$	$139\frac{1}{2}$	$143\frac{3}{8}$	$147\frac{1}{4}$	$151\frac{1}{8}$
$14\frac{3}{4}$	118	$121\frac{3}{4}$	$125\frac{3}{8}$	129	$15\frac{3}{4}$	$141\frac{3}{4}$	$145\frac{3}{4}$	$149\frac{5}{8}$	$153\frac{5}{8}$
15	120	$123\frac{3}{4}$	$127\frac{1}{2}$	$131\frac{1}{4}$	16	144	148	152	156
$15\frac{1}{2}$	124	$127\frac{7}{8}$	$131\frac{3}{4}$	$135\frac{5}{8}$	$16\frac{1}{2}$	$148\frac{1}{2}$	$152\frac{5}{8}$	$156\frac{3}{4}$	$160\frac{7}{8}$
16	128	132	136	140	17	153	$157\frac{1}{4}$	$161\frac{1}{2}$	$165\frac{3}{4}$
$16\frac{1}{2}$	132	$136\frac{1}{8}$	$140\frac{1}{4}$	$144\frac{3}{8}$	$17\frac{1}{2}$	$157\frac{1}{2}$	$161\frac{1}{8}$	$166\frac{1}{4}$	$170\frac{3}{8}$
17	136	$140\frac{1}{4}$	$144\frac{1}{2}$	$148\frac{3}{4}$	18	162	$166\frac{1}{2}$	171	$175\frac{1}{2}$
$17\frac{1}{2}$	140	$144\frac{3}{8}$	$148\frac{3}{4}$	$153\frac{1}{8}$	$18\frac{1}{2}$	$166\frac{1}{2}$	$171\frac{1}{8}$	$175\frac{3}{4}$	$180\frac{3}{8}$
18	144	$148\frac{1}{2}$	153	$157\frac{1}{2}$	19	171	$175\frac{3}{4}$	$180\frac{1}{4}$	$185\frac{1}{4}$
$18\frac{1}{2}$	148	$152\frac{5}{8}$	$157\frac{1}{4}$	$161\frac{7}{8}$	$19\frac{1}{2}$	$175\frac{1}{2}$	$180\frac{3}{8}$	$185\frac{1}{4}$	$190\frac{1}{8}$
19	152	$156\frac{3}{8}$	$161\frac{1}{2}$	$166\frac{1}{4}$	20	180	185	190	195
$19\frac{1}{2}$	156	$160\frac{7}{8}$	$165\frac{3}{4}$	$170\frac{5}{8}$	$20\frac{1}{2}$	$184\frac{1}{2}$	$189\frac{5}{8}$	$194\frac{3}{4}$	$199\frac{7}{8}$
20	160	165	170	175	21	189	$194\frac{1}{2}$	$199\frac{1}{2}$	$204\frac{3}{4}$
$20\frac{1}{2}$	164	$169\frac{1}{8}$	$174\frac{1}{4}$	$179\frac{3}{8}$	$21\frac{1}{2}$	$193\frac{1}{2}$	$198\frac{7}{8}$	$204\frac{1}{4}$	$209\frac{5}{8}$
21	168	$173\frac{1}{4}$	$178\frac{1}{2}$	$183\frac{3}{4}$	22	198	$203\frac{1}{2}$	209	$214\frac{1}{2}$



Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	10	10 $\frac{1}{4}$	10 $\frac{1}{2}$	10 $\frac{3}{4}$	Inches.	11	11 $\frac{1}{4}$	11 $\frac{1}{2}$	11 $\frac{3}{4}$
10	100	..	..	..	11	121	..	..	..
10 $\frac{1}{4}$	102 $\frac{1}{2}$	105	..	..	11 $\frac{1}{4}$	123 $\frac{3}{4}$	126 $\frac{5}{8}$	..	..
10 $\frac{1}{2}$	105	107 $\frac{5}{8}$	110 $\frac{1}{4}$	..	11 $\frac{1}{2}$	126 $\frac{1}{2}$	129 $\frac{3}{8}$	132 $\frac{1}{4}$	..
10 $\frac{3}{4}$	107 $\frac{1}{2}$	110 $\frac{1}{4}$	112 $\frac{7}{8}$	115 $\frac{5}{8}$	11 $\frac{3}{4}$	129 $\frac{1}{4}$	132 $\frac{1}{4}$	135 $\frac{1}{8}$	138 $\frac{1}{8}$
11	110	112 $\frac{3}{4}$	115 $\frac{1}{2}$	118 $\frac{1}{4}$	12	132	135	138	141
11 $\frac{1}{4}$	112 $\frac{1}{2}$	115 $\frac{3}{8}$	118 $\frac{1}{8}$	121	12 $\frac{1}{4}$	134 $\frac{3}{4}$	137 $\frac{7}{8}$	140 $\frac{7}{8}$	144
11 $\frac{1}{2}$	115	117 $\frac{7}{8}$	120 $\frac{3}{4}$	123 $\frac{5}{8}$	12 $\frac{1}{2}$	137 $\frac{1}{2}$	140 $\frac{5}{8}$	143 $\frac{3}{4}$	146 $\frac{7}{8}$
11 $\frac{3}{4}$	117 $\frac{1}{2}$	120 $\frac{1}{2}$	123 $\frac{3}{8}$	126 $\frac{3}{8}$	12 $\frac{3}{4}$	140 $\frac{1}{4}$	143 $\frac{1}{2}$	146 $\frac{1}{8}$	149 $\frac{7}{8}$
12	120	123	126	129	13	143	146 $\frac{1}{4}$	149 $\frac{1}{2}$	152 $\frac{3}{4}$
12 $\frac{1}{4}$	122 $\frac{1}{2}$	125 $\frac{5}{8}$	128 $\frac{5}{8}$	131 $\frac{3}{4}$	13 $\frac{1}{4}$	145 $\frac{3}{4}$	149 $\frac{5}{8}$	152 $\frac{3}{8}$	155 $\frac{1}{2}$
12 $\frac{1}{2}$	125	128 $\frac{1}{8}$	131 $\frac{1}{4}$	134 $\frac{3}{8}$	13 $\frac{1}{2}$	148 $\frac{1}{2}$	151 $\frac{7}{8}$	155 $\frac{1}{4}$	158 $\frac{5}{8}$
12 $\frac{3}{4}$	127 $\frac{1}{2}$	130 $\frac{3}{4}$	133 $\frac{7}{8}$	137 $\frac{1}{8}$	13 $\frac{3}{4}$	151 $\frac{1}{4}$	154 $\frac{3}{4}$	158 $\frac{1}{8}$	161 $\frac{5}{8}$
13	130	133 $\frac{1}{4}$	136 $\frac{1}{2}$	139 $\frac{3}{4}$	14	154	157 $\frac{1}{2}$	161	164 $\frac{1}{2}$
13 $\frac{1}{4}$	132 $\frac{1}{2}$	135 $\frac{7}{8}$	139	142 $\frac{1}{2}$	14 $\frac{1}{4}$	156 $\frac{3}{4}$	160 $\frac{3}{8}$	163 $\frac{7}{8}$	167 $\frac{1}{2}$
13 $\frac{1}{2}$	135	138 $\frac{3}{8}$	141 $\frac{3}{4}$	145 $\frac{1}{4}$	14 $\frac{1}{2}$	159 $\frac{1}{2}$	163 $\frac{1}{8}$	166 $\frac{3}{8}$	170 $\frac{3}{8}$
13 $\frac{3}{4}$	137 $\frac{1}{2}$	141	144 $\frac{3}{8}$	147 $\frac{7}{8}$	14 $\frac{3}{4}$	162 $\frac{1}{4}$	166	169 $\frac{5}{8}$	173 $\frac{3}{8}$
14	140	143 $\frac{1}{2}$	147	150 $\frac{1}{2}$	15	165	168 $\frac{3}{4}$	172 $\frac{1}{2}$	176 $\frac{1}{4}$
14 $\frac{1}{4}$	142 $\frac{1}{2}$	146	149 $\frac{5}{8}$	153 $\frac{1}{4}$	15 $\frac{1}{4}$	167 $\frac{3}{4}$	171 $\frac{5}{8}$	175 $\frac{3}{8}$	179 $\frac{1}{4}$
14 $\frac{1}{2}$	145	148 $\frac{5}{8}$	152 $\frac{1}{4}$	155 $\frac{7}{8}$	15 $\frac{1}{2}$	170 $\frac{1}{2}$	174 $\frac{3}{8}$	178 $\frac{1}{4}$	182 $\frac{1}{2}$
14 $\frac{3}{4}$	147 $\frac{1}{2}$	151 $\frac{1}{4}$	154 $\frac{7}{8}$	158 $\frac{5}{8}$	15 $\frac{3}{4}$	173 $\frac{1}{4}$	177 $\frac{1}{4}$	181 $\frac{1}{8}$	185 $\frac{1}{8}$
15	150	153 $\frac{3}{4}$	157 $\frac{1}{2}$	161 $\frac{1}{4}$	16	176	180	184	188
15 $\frac{1}{4}$	152 $\frac{1}{2}$	156 $\frac{3}{8}$	160 $\frac{1}{8}$	164	16 $\frac{1}{4}$	178 $\frac{3}{4}$	182 $\frac{7}{8}$	186 $\frac{7}{8}$	191
15 $\frac{1}{2}$	155	158 $\frac{7}{8}$	162 $\frac{3}{4}$	166 $\frac{5}{8}$	16 $\frac{1}{2}$	181 $\frac{1}{2}$	185 $\frac{5}{8}$	189 $\frac{3}{4}$	193 $\frac{7}{8}$
15 $\frac{3}{4}$	157 $\frac{1}{2}$	161 $\frac{1}{2}$	165 $\frac{3}{8}$	169 $\frac{3}{8}$	16 $\frac{3}{4}$	184 $\frac{1}{4}$	188 $\frac{1}{2}$	192 $\frac{5}{8}$	196 $\frac{7}{8}$
16	160	164	168	172	17	187	191 $\frac{1}{4}$	195 $\frac{1}{2}$	199 $\frac{3}{4}$
16 $\frac{1}{4}$	162 $\frac{1}{2}$	166 $\frac{5}{8}$	170 $\frac{5}{8}$	174 $\frac{3}{4}$	17 $\frac{1}{4}$	189 $\frac{3}{4}$	194	198 $\frac{3}{8}$	202 $\frac{3}{4}$
16 $\frac{1}{2}$	165	169 $\frac{1}{8}$	173 $\frac{1}{4}$	177 $\frac{5}{8}$	17 $\frac{1}{2}$	192 $\frac{1}{2}$	196 $\frac{7}{8}$	201 $\frac{1}{4}$	205 $\frac{5}{8}$
16 $\frac{3}{4}$	167 $\frac{1}{2}$	171 $\frac{3}{4}$	175 $\frac{7}{8}$	180	17 $\frac{3}{4}$	195 $\frac{1}{4}$	199 $\frac{3}{4}$	204 $\frac{1}{8}$	208 $\frac{5}{8}$
17	170	174 $\frac{1}{4}$	178 $\frac{1}{2}$	182 $\frac{3}{4}$	18	198	202 $\frac{1}{2}$	207	211 $\frac{1}{2}$
17 $\frac{1}{2}$	175	179 $\frac{3}{8}$	183 $\frac{3}{4}$	188 $\frac{1}{8}$	18 $\frac{1}{2}$	203 $\frac{1}{2}$	208 $\frac{1}{8}$	212 $\frac{3}{4}$	217 $\frac{3}{8}$
18	180	184 $\frac{1}{2}$	189	193 $\frac{1}{2}$	19	209	213 $\frac{3}{4}$	218 $\frac{1}{2}$	223 $\frac{1}{4}$
18 $\frac{1}{2}$	185	189 $\frac{5}{8}$	194 $\frac{1}{4}$	198 $\frac{7}{8}$	19 $\frac{1}{2}$	214 $\frac{1}{2}$	219 $\frac{3}{8}$	224 $\frac{1}{4}$	229 $\frac{1}{8}$
19	190	194 $\frac{3}{4}$	199 $\frac{1}{2}$	204 $\frac{1}{4}$	20	220	225	230	235
19 $\frac{1}{2}$	195	199 $\frac{7}{8}$	204 $\frac{3}{4}$	209 $\frac{5}{8}$	20 $\frac{1}{2}$	225 $\frac{1}{2}$	230 $\frac{5}{8}$	235 $\frac{3}{8}$	240 $\frac{7}{8}$
20	200	205	210	215	21	231	236 $\frac{1}{4}$	241 $\frac{1}{2}$	246 $\frac{1}{4}$
20 $\frac{1}{2}$	205	210 $\frac{1}{8}$	215 $\frac{1}{4}$	220 $\frac{3}{8}$	21 $\frac{1}{2}$	236 $\frac{1}{2}$	241 $\frac{7}{8}$	247 $\frac{1}{4}$	252 $\frac{5}{8}$
21	210	215 $\frac{1}{4}$	220 $\frac{1}{2}$	225 $\frac{3}{4}$	22	242	247 $\frac{1}{2}$	253	258 $\frac{1}{2}$
21 $\frac{1}{2}$	215	220 $\frac{3}{8}$	225 $\frac{1}{4}$	231 $\frac{1}{8}$	22 $\frac{1}{2}$	247 $\frac{1}{2}$	253 $\frac{5}{8}$	258 $\frac{3}{4}$	264 $\frac{1}{8}$
22	220	225 $\frac{1}{2}$	231	236 $\frac{1}{2}$	23	253	258 $\frac{1}{2}$	264 $\frac{1}{2}$	270 $\frac{1}{4}$
22 $\frac{1}{2}$	225	230 $\frac{5}{8}$	236 $\frac{1}{4}$	241 $\frac{7}{8}$	23 $\frac{1}{2}$	258 $\frac{1}{2}$	264 $\frac{3}{8}$	270 $\frac{1}{4}$	276 $\frac{1}{8}$
23	230	235 $\frac{3}{4}$	241 $\frac{1}{2}$	247 $\frac{1}{4}$	24	264	270	276	282



Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	12	12 $\frac{1}{4}$	12 $\frac{1}{2}$	12 $\frac{3}{4}$	Inches.	13	13 $\frac{1}{4}$	13 $\frac{1}{2}$	13 $\frac{3}{4}$
12	144	..	..	..	13	169	..	..	..
12 $\frac{1}{4}$	147	150	..	..	13 $\frac{1}{4}$	172 $\frac{1}{4}$	175 $\frac{5}{8}$	..	..
12 $\frac{1}{2}$	150	153 $\frac{1}{8}$	156 $\frac{1}{4}$	..	13 $\frac{1}{2}$	175 $\frac{1}{2}$	178 $\frac{7}{8}$	182 $\frac{1}{4}$	..
12 $\frac{3}{4}$	153	156 $\frac{1}{4}$	159 $\frac{3}{8}$	162 $\frac{5}{8}$	13 $\frac{3}{4}$	178 $\frac{3}{4}$	182 $\frac{1}{4}$	185 $\frac{5}{8}$	189 $\frac{1}{8}$
13	156	159 $\frac{1}{4}$	162 $\frac{1}{2}$	165 $\frac{3}{4}$	14	182	185 $\frac{1}{2}$	189	192 $\frac{1}{2}$
13 $\frac{1}{4}$	159	162 $\frac{3}{8}$	165 $\frac{5}{8}$	169	14 $\frac{1}{4}$	185 $\frac{1}{4}$	188 $\frac{7}{8}$	192 $\frac{3}{8}$	196
13 $\frac{1}{2}$	162	165 $\frac{3}{8}$	168 $\frac{3}{4}$	172 $\frac{1}{8}$	14 $\frac{1}{2}$	188 $\frac{1}{2}$	192 $\frac{1}{8}$	195 $\frac{3}{4}$	199 $\frac{3}{8}$
13 $\frac{3}{4}$	165	168 $\frac{1}{2}$	171 $\frac{7}{8}$	175 $\frac{3}{8}$	14 $\frac{3}{4}$	191 $\frac{3}{4}$	195 $\frac{1}{2}$	199 $\frac{1}{8}$	202 $\frac{7}{8}$
14	168	171 $\frac{1}{2}$	175	178 $\frac{1}{2}$	15	195	198 $\frac{3}{4}$	202 $\frac{1}{2}$	206 $\frac{1}{4}$
14 $\frac{1}{4}$	171	174 $\frac{5}{8}$	178 $\frac{1}{8}$	181 $\frac{5}{8}$	15 $\frac{1}{4}$	198 $\frac{1}{4}$	202	205 $\frac{7}{8}$	209 $\frac{3}{8}$
14 $\frac{1}{2}$	174	177 $\frac{5}{8}$	181 $\frac{1}{4}$	184 $\frac{7}{8}$	15 $\frac{1}{2}$	201 $\frac{1}{2}$	205 $\frac{3}{8}$	209	213 $\frac{1}{8}$
14 $\frac{3}{4}$	177	180 $\frac{3}{4}$	184 $\frac{3}{8}$	188 $\frac{1}{8}$	15 $\frac{3}{4}$	204 $\frac{3}{4}$	208 $\frac{3}{4}$	212 $\frac{5}{8}$	216 $\frac{5}{8}$
15	180	183 $\frac{3}{8}$	187 $\frac{1}{2}$	191 $\frac{1}{4}$	16	208	212	216	220
15 $\frac{1}{4}$	183	186 $\frac{5}{8}$	190 $\frac{5}{8}$	194 $\frac{3}{8}$	16 $\frac{1}{4}$	211 $\frac{1}{4}$	215 $\frac{1}{4}$	219 $\frac{3}{8}$	223 $\frac{1}{2}$
15 $\frac{1}{2}$	186	189 $\frac{7}{8}$	193 $\frac{3}{4}$	197 $\frac{5}{8}$	16 $\frac{1}{2}$	214 $\frac{1}{2}$	218 $\frac{5}{8}$	222 $\frac{7}{8}$	226 $\frac{7}{8}$
15 $\frac{3}{4}$	189	193	196 $\frac{7}{8}$	200 $\frac{7}{8}$	16 $\frac{3}{4}$	217 $\frac{3}{4}$	222	226 $\frac{1}{8}$	230 $\frac{3}{8}$
16	192	196	200	204	17	221	225 $\frac{1}{4}$	229 $\frac{1}{2}$	233 $\frac{3}{4}$
16 $\frac{1}{4}$	195	199 $\frac{1}{8}$	203 $\frac{1}{8}$	207 $\frac{1}{4}$	17 $\frac{1}{4}$	224 $\frac{1}{4}$	228 $\frac{3}{8}$	232 $\frac{7}{8}$	237 $\frac{1}{4}$
16 $\frac{1}{2}$	198	202 $\frac{1}{8}$	206 $\frac{1}{4}$	210 $\frac{3}{8}$	17 $\frac{1}{2}$	227 $\frac{1}{2}$	231 $\frac{7}{8}$	236 $\frac{1}{4}$	240 $\frac{5}{8}$
16 $\frac{3}{4}$	201	205 $\frac{1}{4}$	209 $\frac{3}{8}$	213 $\frac{5}{8}$	17 $\frac{3}{4}$	230 $\frac{3}{4}$	235 $\frac{1}{4}$	239 $\frac{5}{8}$	244 $\frac{1}{8}$
17	204	208 $\frac{1}{4}$	212 $\frac{1}{2}$	216 $\frac{3}{4}$	18	234	238 $\frac{1}{2}$	243	247 $\frac{1}{2}$
17 $\frac{1}{4}$	207	211 $\frac{3}{8}$	215 $\frac{5}{8}$	220	18 $\frac{1}{4}$	237 $\frac{1}{4}$	241 $\frac{7}{8}$	246 $\frac{3}{8}$	251
17 $\frac{1}{2}$	210	214 $\frac{5}{8}$	218 $\frac{3}{4}$	223 $\frac{1}{8}$	18 $\frac{1}{2}$	240 $\frac{1}{2}$	245 $\frac{5}{8}$	249 $\frac{1}{4}$	254 $\frac{3}{8}$
17 $\frac{3}{4}$	213	217 $\frac{1}{2}$	221 $\frac{7}{8}$	226 $\frac{3}{8}$	18 $\frac{3}{4}$	243 $\frac{3}{4}$	248 $\frac{1}{2}$	253 $\frac{1}{8}$	257 $\frac{7}{8}$
18	216	220 $\frac{1}{2}$	225	229 $\frac{1}{4}$	19	247	251 $\frac{3}{4}$	256 $\frac{1}{2}$	261 $\frac{1}{4}$
18 $\frac{1}{4}$	219	223 $\frac{5}{8}$	228 $\frac{1}{8}$	232 $\frac{3}{4}$	19 $\frac{1}{4}$	250 $\frac{1}{4}$	255	259 $\frac{7}{8}$	264 $\frac{3}{4}$
18 $\frac{1}{2}$	222	226 $\frac{3}{8}$	231 $\frac{1}{4}$	235 $\frac{7}{8}$	19 $\frac{1}{2}$	253 $\frac{1}{2}$	258 $\frac{3}{8}$	263 $\frac{1}{4}$	268 $\frac{1}{4}$
18 $\frac{3}{4}$	225	229 $\frac{3}{4}$	234 $\frac{3}{8}$	239 $\frac{1}{8}$	19 $\frac{3}{4}$	256 $\frac{3}{4}$	261 $\frac{3}{4}$	266 $\frac{5}{8}$	271 $\frac{5}{8}$
19	228	232 $\frac{3}{4}$	237 $\frac{1}{2}$	242 $\frac{1}{4}$	20	260	265	270	275
19 $\frac{1}{2}$	234	238 $\frac{5}{8}$	243 $\frac{3}{4}$	248 $\frac{5}{8}$	20 $\frac{1}{2}$	266 $\frac{1}{2}$	271 $\frac{5}{8}$	276 $\frac{3}{4}$	281 $\frac{7}{8}$
20	240	245	250	255	21	273	278 $\frac{1}{4}$	283 $\frac{1}{2}$	288 $\frac{3}{4}$
20 $\frac{1}{2}$	246	251 $\frac{1}{8}$	256 $\frac{1}{4}$	261 $\frac{3}{8}$	21 $\frac{1}{2}$	279 $\frac{1}{2}$	284 $\frac{7}{8}$	290 $\frac{1}{4}$	295 $\frac{5}{8}$
21	252	257 $\frac{1}{4}$	262 $\frac{1}{2}$	267 $\frac{3}{4}$	22	286	291 $\frac{1}{2}$	297	302 $\frac{1}{2}$
21 $\frac{1}{2}$	258	263 $\frac{3}{8}$	268 $\frac{3}{4}$	274 $\frac{1}{8}$	22 $\frac{1}{2}$	292 $\frac{1}{2}$	298 $\frac{1}{8}$	303 $\frac{3}{4}$	309 $\frac{3}{8}$
22	264	269 $\frac{1}{2}$	275	280 $\frac{1}{2}$	23	299	304 $\frac{3}{4}$	310 $\frac{1}{2}$	316 $\frac{1}{2}$
22 $\frac{1}{2}$	270	275 $\frac{5}{8}$	281 $\frac{1}{4}$	286 $\frac{7}{8}$	23 $\frac{1}{2}$	305 $\frac{1}{2}$	311 $\frac{3}{8}$	317 $\frac{1}{4}$	323 $\frac{1}{8}$
23	276	281 $\frac{3}{8}$	287 $\frac{1}{2}$	293 $\frac{1}{4}$	24	312	318	324	330
23 $\frac{1}{2}$	282	287 $\frac{7}{8}$	293 $\frac{3}{4}$	299 $\frac{5}{8}$	24 $\frac{1}{2}$	318 $\frac{1}{2}$	324 $\frac{5}{8}$	330 $\frac{3}{4}$	336 $\frac{7}{8}$
24	288	294	300	306	25	325	331 $\frac{1}{4}$	337 $\frac{1}{2}$	343 $\frac{3}{4}$
24 $\frac{1}{2}$	294	300 $\frac{1}{8}$	306 $\frac{1}{4}$	312 $\frac{3}{8}$	25 $\frac{1}{2}$	331 $\frac{1}{2}$	337 $\frac{7}{8}$	344 $\frac{1}{4}$	350 $\frac{5}{8}$
25	300	306 $\frac{1}{4}$	312 $\frac{1}{2}$	318 $\frac{3}{4}$	26	338	344 $\frac{1}{2}$	351	357 $\frac{1}{2}$

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	14	14 $\frac{1}{4}$	14 $\frac{1}{2}$	14 $\frac{3}{4}$	Inches.	15	15 $\frac{1}{4}$	15 $\frac{1}{2}$	15 $\frac{3}{4}$
14	196	..	..	..	15	225	..	..	..
14 $\frac{1}{4}$	199 $\frac{1}{2}$	203	..	..	15 $\frac{1}{4}$	228 $\frac{3}{4}$	232 $\frac{1}{2}$	..	..
14 $\frac{1}{2}$	203	206 $\frac{5}{8}$	210 $\frac{1}{4}$	..	15 $\frac{1}{2}$	232 $\frac{1}{2}$	236 $\frac{3}{8}$	240 $\frac{1}{4}$	..
14 $\frac{3}{4}$	206 $\frac{1}{2}$	210 $\frac{1}{4}$	213 $\frac{7}{8}$	217 $\frac{5}{8}$	15 $\frac{3}{4}$	236 $\frac{1}{4}$	240 $\frac{1}{4}$	244 $\frac{1}{8}$	248
15	210	213 $\frac{3}{4}$	217 $\frac{1}{2}$	221 $\frac{1}{4}$	16	240	244	248	252
15 $\frac{1}{4}$	213 $\frac{1}{2}$	217 $\frac{3}{8}$	221 $\frac{1}{8}$	225	16 $\frac{1}{4}$	243 $\frac{3}{8}$	247 $\frac{7}{8}$	251 $\frac{7}{8}$	256
15 $\frac{1}{2}$	217	220 $\frac{7}{8}$	224 $\frac{3}{4}$	228 $\frac{5}{8}$	16 $\frac{1}{2}$	247 $\frac{1}{2}$	251 $\frac{5}{8}$	255 $\frac{3}{4}$	259 $\frac{7}{8}$
15 $\frac{3}{4}$	220 $\frac{1}{2}$	224 $\frac{3}{8}$	228 $\frac{1}{2}$	232 $\frac{3}{8}$	16 $\frac{3}{4}$	251 $\frac{1}{4}$	255 $\frac{1}{2}$	259 $\frac{5}{8}$	263 $\frac{7}{8}$
16	224	228	232	236	17	255	259 $\frac{1}{4}$	263 $\frac{1}{2}$	267 $\frac{3}{4}$
16 $\frac{1}{4}$	227 $\frac{1}{2}$	231 $\frac{5}{8}$	235 $\frac{5}{8}$	239 $\frac{5}{8}$	17 $\frac{1}{4}$	258 $\frac{3}{8}$	263	267 $\frac{3}{8}$	271 $\frac{3}{8}$
16 $\frac{1}{2}$	231	235 $\frac{1}{8}$	239 $\frac{1}{4}$	243 $\frac{3}{8}$	17 $\frac{1}{2}$	262 $\frac{1}{2}$	266 $\frac{7}{8}$	271 $\frac{1}{4}$	275 $\frac{5}{8}$
16 $\frac{3}{4}$	234 $\frac{1}{2}$	238 $\frac{3}{4}$	242 $\frac{5}{8}$	247	17 $\frac{3}{4}$	266 $\frac{1}{4}$	270 $\frac{1}{4}$	275 $\frac{5}{8}$	279 $\frac{5}{8}$
17	238	242 $\frac{1}{4}$	246 $\frac{1}{2}$	250 $\frac{3}{4}$	18	270	274 $\frac{1}{2}$	279	283 $\frac{1}{2}$
17 $\frac{1}{4}$	241 $\frac{1}{2}$	245 $\frac{5}{8}$	250 $\frac{1}{4}$	254 $\frac{3}{8}$	18 $\frac{1}{4}$	273 $\frac{3}{8}$	278 $\frac{1}{4}$	282 $\frac{7}{8}$	287 $\frac{1}{2}$
17 $\frac{1}{2}$	245	249 $\frac{3}{8}$	253 $\frac{1}{4}$	258 $\frac{1}{8}$	18 $\frac{1}{2}$	277 $\frac{1}{2}$	282 $\frac{1}{8}$	286 $\frac{3}{8}$	291 $\frac{3}{8}$
17 $\frac{3}{4}$	248 $\frac{1}{2}$	253	257 $\frac{3}{8}$	261 $\frac{1}{4}$	18 $\frac{3}{4}$	281 $\frac{1}{4}$	286	290 $\frac{5}{8}$	295 $\frac{5}{8}$
18	252	256 $\frac{1}{2}$	261	265 $\frac{1}{2}$	19	285	289 $\frac{3}{4}$	294 $\frac{1}{2}$	299 $\frac{1}{4}$
18 $\frac{1}{4}$	255 $\frac{1}{2}$	260	264 $\frac{5}{8}$	269 $\frac{1}{8}$	19 $\frac{1}{4}$	288 $\frac{3}{8}$	293 $\frac{3}{8}$	298 $\frac{3}{8}$	303 $\frac{1}{4}$
18 $\frac{1}{2}$	259	263 $\frac{1}{2}$	268 $\frac{1}{4}$	272 $\frac{7}{8}$	19 $\frac{1}{2}$	292 $\frac{1}{2}$	297 $\frac{3}{8}$	302 $\frac{1}{4}$	307 $\frac{1}{8}$
18 $\frac{3}{4}$	262 $\frac{1}{2}$	267 $\frac{5}{8}$	271 $\frac{5}{8}$	276 $\frac{1}{2}$	19 $\frac{3}{4}$	296 $\frac{1}{4}$	301 $\frac{1}{4}$	306 $\frac{5}{8}$	311 $\frac{5}{8}$
19	266	270 $\frac{3}{4}$	275 $\frac{1}{2}$	280 $\frac{1}{4}$	20	300	305	310	315
19 $\frac{1}{4}$	269 $\frac{1}{2}$	274 $\frac{5}{8}$	279 $\frac{1}{8}$	283 $\frac{7}{8}$	20 $\frac{1}{4}$	303 $\frac{3}{4}$	308 $\frac{7}{8}$	313 $\frac{7}{8}$	319
19 $\frac{1}{2}$	273	277 $\frac{7}{8}$	282 $\frac{3}{4}$	287 $\frac{5}{8}$	20 $\frac{1}{2}$	307 $\frac{1}{2}$	312 $\frac{5}{8}$	317 $\frac{3}{4}$	322 $\frac{7}{8}$
19 $\frac{3}{4}$	276 $\frac{1}{2}$	281 $\frac{1}{2}$	286 $\frac{3}{8}$	291 $\frac{1}{4}$	20 $\frac{3}{4}$	311 $\frac{1}{4}$	316 $\frac{1}{2}$	321 $\frac{5}{8}$	326 $\frac{3}{4}$
20	280	285	290	295	21	315	320 $\frac{1}{4}$	325 $\frac{1}{2}$	330 $\frac{3}{4}$
20 $\frac{1}{4}$	283 $\frac{1}{2}$	288 $\frac{5}{8}$	293 $\frac{5}{8}$	298 $\frac{5}{8}$	21 $\frac{1}{4}$	318 $\frac{3}{8}$	324	329 $\frac{3}{8}$	334 $\frac{3}{8}$
20 $\frac{1}{2}$	287	292 $\frac{1}{8}$	297 $\frac{1}{4}$	302 $\frac{3}{8}$	21 $\frac{1}{2}$	322 $\frac{1}{2}$	327 $\frac{5}{4}$	333 $\frac{1}{4}$	338 $\frac{5}{8}$
20 $\frac{3}{4}$	290 $\frac{1}{2}$	295 $\frac{3}{4}$	300 $\frac{7}{8}$	306	21 $\frac{3}{4}$	326 $\frac{1}{4}$	331 $\frac{5}{8}$	337 $\frac{1}{8}$	342 $\frac{5}{8}$
21	294	299 $\frac{1}{4}$	304 $\frac{1}{2}$	309 $\frac{3}{4}$	22	330	335 $\frac{1}{2}$	341	346 $\frac{1}{2}$
21 $\frac{1}{2}$	301	306 $\frac{3}{8}$	311 $\frac{3}{4}$	317 $\frac{1}{8}$	22 $\frac{1}{2}$	337 $\frac{1}{2}$	343 $\frac{1}{8}$	348 $\frac{3}{4}$	354 $\frac{3}{8}$
22	308	313 $\frac{1}{2}$	319	324 $\frac{1}{2}$	23	345	350 $\frac{3}{4}$	356 $\frac{1}{2}$	362 $\frac{1}{4}$
22 $\frac{1}{2}$	315	320 $\frac{5}{8}$	326 $\frac{1}{4}$	331 $\frac{7}{8}$	23 $\frac{1}{2}$	352 $\frac{1}{2}$	358 $\frac{3}{8}$	364 $\frac{1}{4}$	370 $\frac{1}{8}$
23	322	327 $\frac{3}{4}$	333 $\frac{1}{2}$	339 $\frac{1}{4}$	24	360	366	372	378
23 $\frac{1}{2}$	329	334 $\frac{7}{8}$	340 $\frac{3}{4}$	346 $\frac{5}{8}$	24 $\frac{1}{2}$	367 $\frac{1}{2}$	373 $\frac{5}{8}$	379 $\frac{3}{4}$	385 $\frac{7}{8}$
24	336	342	348	354	25	375	381 $\frac{1}{4}$	387 $\frac{1}{2}$	393 $\frac{3}{8}$
24 $\frac{1}{2}$	343	349 $\frac{1}{8}$	355 $\frac{1}{4}$	361 $\frac{3}{8}$	25 $\frac{1}{2}$	382 $\frac{1}{2}$	388 $\frac{3}{4}$	395 $\frac{1}{4}$	401 $\frac{5}{8}$
25	350	356 $\frac{1}{4}$	362 $\frac{1}{2}$	368 $\frac{3}{4}$	26	390	396 $\frac{1}{2}$	403	409 $\frac{1}{2}$
25 $\frac{1}{2}$	357	363 $\frac{3}{8}$	369 $\frac{5}{4}$	376 $\frac{1}{8}$	26 $\frac{1}{2}$	397 $\frac{1}{2}$	404 $\frac{1}{4}$	410 $\frac{5}{8}$	417 $\frac{3}{8}$
26	364	370 $\frac{1}{2}$	377	383 $\frac{1}{2}$	27	405	411 $\frac{3}{4}$	418 $\frac{1}{2}$	425 $\frac{1}{4}$
26 $\frac{1}{2}$	371	377 $\frac{5}{8}$	384 $\frac{1}{4}$	390 $\frac{7}{8}$	27 $\frac{1}{2}$	412 $\frac{1}{2}$	419 $\frac{3}{8}$	426 $\frac{1}{4}$	433 $\frac{3}{8}$
27	378	384 $\frac{3}{4}$	391 $\frac{1}{2}$	398 $\frac{1}{4}$	28	420	427	434	441

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	16	16 $\frac{1}{4}$	16 $\frac{1}{2}$	16 $\frac{3}{4}$	Inches.	17	17 $\frac{1}{4}$	17 $\frac{1}{2}$	17 $\frac{3}{4}$
16	256	..	..	..	17	289	..	..	..
16 $\frac{1}{4}$	260	264 $\frac{1}{8}$	..	..	17 $\frac{1}{4}$	293 $\frac{1}{4}$	297 $\frac{1}{2}$	..	..
16 $\frac{1}{2}$	264	268 $\frac{1}{8}$	272 $\frac{1}{4}$	..	17 $\frac{1}{2}$	297 $\frac{1}{2}$	301 $\frac{1}{4}$	306 $\frac{1}{4}$	..
16 $\frac{3}{4}$	268	272 $\frac{1}{4}$	276 $\frac{3}{8}$	280 $\frac{1}{2}$	17 $\frac{3}{4}$	301 $\frac{3}{4}$	306 $\frac{1}{4}$	310 $\frac{5}{8}$	315 $\frac{1}{8}$
17	272	276 $\frac{1}{4}$	280 $\frac{1}{2}$	284 $\frac{3}{4}$	18	306	310 $\frac{1}{2}$	315	319 $\frac{1}{2}$
17 $\frac{1}{4}$	276	280 $\frac{3}{8}$	284 $\frac{5}{8}$	289	18 $\frac{1}{4}$	310 $\frac{1}{4}$	314 $\frac{1}{2}$	319 $\frac{3}{8}$	324
17 $\frac{1}{2}$	280	284 $\frac{3}{8}$	288 $\frac{3}{4}$	293 $\frac{1}{8}$	18 $\frac{1}{2}$	314 $\frac{1}{2}$	319 $\frac{1}{8}$	323 $\frac{3}{4}$	328 $\frac{3}{8}$
17 $\frac{3}{4}$	284	288 $\frac{1}{2}$	292 $\frac{7}{8}$	297 $\frac{1}{4}$	18 $\frac{3}{4}$	318 $\frac{3}{4}$	323 $\frac{1}{2}$	328 $\frac{1}{8}$	332 $\frac{3}{4}$
18	288	292 $\frac{1}{2}$	297	301 $\frac{1}{2}$	19	323	327 $\frac{3}{4}$	332 $\frac{1}{2}$	337 $\frac{1}{4}$
18 $\frac{1}{4}$	292	296 $\frac{5}{8}$	301 $\frac{1}{8}$	305 $\frac{3}{4}$	19 $\frac{1}{4}$	327 $\frac{1}{4}$	332 $\frac{1}{8}$	336 $\frac{7}{8}$	341 $\frac{3}{4}$
18 $\frac{1}{2}$	296	300 $\frac{5}{8}$	305 $\frac{1}{4}$	309 $\frac{5}{8}$	19 $\frac{1}{2}$	331 $\frac{1}{2}$	336 $\frac{3}{8}$	341 $\frac{1}{4}$	346 $\frac{5}{8}$
18 $\frac{3}{4}$	300	304 $\frac{3}{4}$	309 $\frac{3}{8}$	314 $\frac{1}{8}$	19 $\frac{3}{4}$	335 $\frac{3}{4}$	340 $\frac{3}{4}$	345 $\frac{5}{8}$	350 $\frac{1}{2}$
19	304	308 $\frac{3}{4}$	313 $\frac{1}{2}$	318 $\frac{1}{4}$	20	340	345	350	355
19 $\frac{1}{4}$	308	312 $\frac{7}{8}$	317 $\frac{5}{8}$	322 $\frac{1}{2}$	20 $\frac{1}{4}$	344 $\frac{1}{4}$	349 $\frac{1}{4}$	354 $\frac{3}{8}$	359 $\frac{1}{2}$
19 $\frac{1}{2}$	312	316 $\frac{7}{8}$	321 $\frac{3}{4}$	326 $\frac{3}{8}$	20 $\frac{1}{2}$	348 $\frac{1}{2}$	353 $\frac{5}{8}$	358 $\frac{1}{2}$	363 $\frac{7}{8}$
19 $\frac{3}{4}$	316	321	325 $\frac{7}{8}$	330 $\frac{7}{8}$	20 $\frac{3}{4}$	352 $\frac{3}{4}$	358	363 $\frac{1}{8}$	368 $\frac{1}{4}$
20	320	325	330	335	21	357	362 $\frac{1}{4}$	367 $\frac{1}{2}$	372 $\frac{3}{4}$
20 $\frac{1}{4}$	324	329 $\frac{1}{8}$	334 $\frac{1}{8}$	339 $\frac{1}{4}$	21 $\frac{1}{4}$	361 $\frac{1}{4}$	366 $\frac{5}{8}$	371 $\frac{1}{8}$	377 $\frac{1}{4}$
20 $\frac{1}{2}$	328	333 $\frac{1}{8}$	338 $\frac{1}{4}$	343 $\frac{3}{8}$	21 $\frac{1}{2}$	365 $\frac{1}{2}$	370 $\frac{7}{8}$	376 $\frac{1}{4}$	381 $\frac{5}{8}$
20 $\frac{3}{4}$	332	337 $\frac{1}{4}$	342 $\frac{3}{8}$	317 $\frac{5}{8}$	21 $\frac{3}{4}$	369 $\frac{3}{4}$	375 $\frac{1}{4}$	380 $\frac{5}{8}$	386 $\frac{1}{8}$
21	336	341 $\frac{1}{4}$	346 $\frac{1}{2}$	351 $\frac{3}{4}$	22	374	379 $\frac{1}{2}$	385	390 $\frac{1}{2}$
21 $\frac{1}{4}$	340	345 $\frac{3}{8}$	350 $\frac{5}{8}$	356	22 $\frac{1}{4}$	378 $\frac{1}{4}$	383 $\frac{7}{8}$	389 $\frac{3}{8}$	395
21 $\frac{1}{2}$	344	349 $\frac{3}{8}$	354 $\frac{3}{4}$	360 $\frac{1}{8}$	22 $\frac{1}{2}$	382 $\frac{1}{2}$	388 $\frac{1}{8}$	393 $\frac{3}{4}$	399 $\frac{3}{8}$
21 $\frac{3}{4}$	348	353 $\frac{1}{2}$	358 $\frac{7}{8}$	364 $\frac{3}{8}$	22 $\frac{3}{4}$	386 $\frac{3}{4}$	392 $\frac{1}{2}$	398 $\frac{1}{8}$	403 $\frac{7}{8}$
22	352	357 $\frac{1}{2}$	363	368 $\frac{1}{2}$	23	391	396 $\frac{3}{4}$	402 $\frac{1}{2}$	408 $\frac{1}{4}$
22 $\frac{1}{4}$	356	361 $\frac{5}{8}$	367 $\frac{1}{8}$	372 $\frac{3}{4}$	23 $\frac{1}{4}$	395 $\frac{1}{4}$	401	406 $\frac{7}{8}$	412 $\frac{3}{4}$
22 $\frac{1}{2}$	360	365 $\frac{5}{8}$	371 $\frac{1}{4}$	376 $\frac{7}{8}$	23 $\frac{1}{2}$	399 $\frac{1}{2}$	405 $\frac{3}{8}$	411 $\frac{1}{4}$	417 $\frac{1}{8}$
22 $\frac{3}{4}$	364	369 $\frac{3}{4}$	375 $\frac{3}{8}$	381 $\frac{1}{8}$	23 $\frac{3}{4}$	403 $\frac{3}{4}$	409 $\frac{3}{4}$	415 $\frac{5}{8}$	421 $\frac{5}{8}$
23	368	373 $\frac{3}{4}$	379 $\frac{1}{2}$	385 $\frac{1}{4}$	24	408	414	420	426
23 $\frac{1}{2}$	376	381 $\frac{7}{8}$	387 $\frac{3}{4}$	393 $\frac{5}{8}$	24 $\frac{1}{2}$	416 $\frac{1}{2}$	422 $\frac{5}{8}$	428 $\frac{3}{4}$	434 $\frac{7}{8}$
24	384	390	396	402	25	425	431 $\frac{1}{4}$	437 $\frac{1}{2}$	443 $\frac{3}{4}$
24 $\frac{1}{2}$	392	398 $\frac{1}{8}$	404 $\frac{1}{4}$	410 $\frac{3}{8}$	25 $\frac{1}{2}$	433 $\frac{1}{2}$	439 $\frac{7}{8}$	446 $\frac{1}{4}$	452 $\frac{5}{8}$
25	400	406 $\frac{1}{4}$	412 $\frac{1}{2}$	418 $\frac{3}{4}$	26	442	448 $\frac{1}{2}$	455	461 $\frac{1}{2}$
25 $\frac{1}{2}$	408	414 $\frac{3}{8}$	420 $\frac{3}{4}$	427 $\frac{1}{8}$	26 $\frac{1}{2}$	450 $\frac{1}{2}$	457 $\frac{1}{8}$	463 $\frac{3}{4}$	470 $\frac{3}{8}$
26	416	422 $\frac{1}{2}$	429	435 $\frac{1}{2}$	27	459	465 $\frac{3}{4}$	472 $\frac{1}{2}$	479 $\frac{1}{4}$
26 $\frac{1}{2}$	424	430 $\frac{5}{8}$	437 $\frac{1}{4}$	443 $\frac{7}{8}$	27 $\frac{1}{2}$	467 $\frac{1}{2}$	474 $\frac{3}{8}$	481 $\frac{1}{4}$	488 $\frac{1}{8}$
27	432	438 $\frac{3}{8}$	445 $\frac{1}{4}$	452 $\frac{1}{4}$	28	476	483	490	497
27 $\frac{1}{2}$	440	447 $\frac{5}{8}$	453 $\frac{3}{4}$	460 $\frac{5}{8}$	28 $\frac{1}{2}$	484 $\frac{1}{2}$	491 $\frac{5}{8}$	498 $\frac{3}{4}$	505 $\frac{7}{8}$
28	448	455	462	469	29	493	500 $\frac{1}{4}$	507 $\frac{1}{2}$	514 $\frac{3}{4}$
28 $\frac{1}{2}$	456	463 $\frac{1}{8}$	470 $\frac{1}{4}$	477 $\frac{3}{8}$	29 $\frac{1}{2}$	501 $\frac{1}{2}$	508 $\frac{7}{8}$	516 $\frac{1}{4}$	523 $\frac{5}{8}$
29	464	471 $\frac{1}{4}$	478 $\frac{1}{2}$	485 $\frac{3}{4}$	30	510	517 $\frac{1}{2}$	525	532 $\frac{1}{2}$

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	18	18 $\frac{1}{4}$	18 $\frac{1}{2}$	18 $\frac{3}{4}$	Inches.	19	19 $\frac{1}{4}$	19 $\frac{1}{2}$	19 $\frac{3}{4}$
18	324	..	..	..	19	361	..	..	..
18 $\frac{1}{4}$	328 $\frac{1}{2}$	333 $\frac{1}{8}$	..	..	19 $\frac{1}{4}$	365 $\frac{3}{4}$	370 $\frac{5}{8}$	..	..
18 $\frac{1}{2}$	333	337 $\frac{5}{8}$	342 $\frac{1}{4}$	..	19 $\frac{1}{2}$	370 $\frac{1}{2}$	375 $\frac{3}{8}$	380 $\frac{1}{4}$	..
18 $\frac{3}{4}$	337 $\frac{1}{2}$	342 $\frac{1}{4}$	346 $\frac{7}{8}$	351 $\frac{5}{8}$	19 $\frac{3}{4}$	375 $\frac{1}{4}$	380 $\frac{1}{4}$	385 $\frac{1}{8}$	390
19	342	346 $\frac{3}{4}$	351 $\frac{1}{2}$	356 $\frac{1}{4}$	20	380	385	390	395
19 $\frac{1}{4}$	346 $\frac{1}{2}$	351 $\frac{1}{8}$	356 $\frac{1}{8}$	361	20 $\frac{1}{4}$	384 $\frac{3}{4}$	389 $\frac{7}{8}$	394 $\frac{7}{8}$	400
19 $\frac{1}{2}$	351	355 $\frac{7}{8}$	360 $\frac{1}{4}$	365 $\frac{5}{8}$	20 $\frac{1}{2}$	389 $\frac{1}{2}$	394 $\frac{5}{8}$	399 $\frac{3}{4}$	404 $\frac{7}{8}$
19 $\frac{3}{4}$	355 $\frac{1}{2}$	360 $\frac{1}{2}$	365 $\frac{3}{8}$	370 $\frac{1}{4}$	20 $\frac{3}{4}$	394 $\frac{1}{4}$	399 $\frac{1}{2}$	404 $\frac{5}{8}$	409 $\frac{7}{8}$
20	360	365	370	375	21	399	404 $\frac{1}{4}$	409 $\frac{1}{2}$	414 $\frac{3}{4}$
20 $\frac{1}{4}$	364 $\frac{1}{2}$	369 $\frac{1}{2}$	374 $\frac{5}{8}$	379 $\frac{3}{4}$	21 $\frac{1}{4}$	403 $\frac{3}{4}$	409 $\frac{1}{8}$	414 $\frac{3}{8}$	419 $\frac{3}{4}$
20 $\frac{1}{2}$	369	374 $\frac{1}{8}$	379 $\frac{1}{4}$	384 $\frac{3}{8}$	21 $\frac{1}{2}$	408 $\frac{1}{2}$	413 $\frac{7}{8}$	419 $\frac{1}{4}$	424 $\frac{5}{8}$
20 $\frac{3}{4}$	373 $\frac{1}{2}$	378 $\frac{3}{4}$	383 $\frac{7}{8}$	389	21 $\frac{3}{4}$	413 $\frac{1}{4}$	418 $\frac{3}{4}$	424 $\frac{1}{8}$	429 $\frac{5}{8}$
21	378	383 $\frac{1}{4}$	388 $\frac{1}{2}$	393 $\frac{3}{4}$	22	418	423 $\frac{1}{2}$	429	434 $\frac{1}{2}$
21 $\frac{1}{4}$	382 $\frac{1}{2}$	387 $\frac{7}{8}$	393 $\frac{1}{2}$	398 $\frac{1}{2}$	22 $\frac{1}{4}$	422 $\frac{1}{4}$	428 $\frac{1}{4}$	433 $\frac{7}{8}$	439 $\frac{1}{4}$
21 $\frac{1}{2}$	387	392 $\frac{3}{8}$	397 $\frac{3}{4}$	403 $\frac{1}{8}$	22 $\frac{1}{2}$	427 $\frac{1}{2}$	433 $\frac{1}{8}$	438 $\frac{3}{4}$	444 $\frac{3}{8}$
21 $\frac{3}{4}$	391 $\frac{1}{2}$	397	402 $\frac{3}{8}$	407 $\frac{7}{8}$	22 $\frac{3}{4}$	432 $\frac{1}{4}$	438	443 $\frac{5}{8}$	449 $\frac{3}{8}$
22	396	401 $\frac{1}{2}$	407	412 $\frac{1}{2}$	23	437	442 $\frac{3}{4}$	448 $\frac{1}{2}$	454 $\frac{1}{4}$
22 $\frac{1}{4}$	400 $\frac{1}{2}$	406 $\frac{1}{4}$	411 $\frac{5}{8}$	417 $\frac{1}{4}$	23 $\frac{1}{4}$	441 $\frac{3}{4}$	447 $\frac{5}{8}$	453 $\frac{3}{8}$	459 $\frac{1}{4}$
22 $\frac{1}{2}$	405	410 $\frac{5}{8}$	416 $\frac{1}{4}$	421 $\frac{7}{8}$	23 $\frac{1}{2}$	446 $\frac{1}{2}$	452 $\frac{3}{8}$	458 $\frac{1}{4}$	464 $\frac{1}{8}$
22 $\frac{3}{4}$	409 $\frac{1}{2}$	415 $\frac{1}{4}$	420 $\frac{7}{8}$	426 $\frac{5}{8}$	23 $\frac{3}{4}$	451 $\frac{1}{4}$	457 $\frac{1}{4}$	463 $\frac{1}{8}$	469 $\frac{1}{8}$
23	414	419 $\frac{3}{4}$	425 $\frac{1}{2}$	431 $\frac{1}{4}$	24	456	462	468	474
23 $\frac{1}{4}$	418 $\frac{1}{2}$	424 $\frac{3}{8}$	430 $\frac{1}{8}$	436	24 $\frac{1}{4}$	460 $\frac{3}{4}$	466 $\frac{7}{8}$	472 $\frac{7}{8}$	479
23 $\frac{1}{2}$	423	428 $\frac{7}{8}$	434 $\frac{3}{4}$	440 $\frac{5}{8}$	24 $\frac{1}{2}$	465 $\frac{1}{2}$	471 $\frac{5}{8}$	477 $\frac{3}{4}$	483 $\frac{7}{8}$
23 $\frac{3}{4}$	427 $\frac{1}{2}$	433 $\frac{1}{2}$	439 $\frac{3}{8}$	445 $\frac{5}{8}$	24 $\frac{3}{4}$	470 $\frac{1}{4}$	476 $\frac{1}{2}$	482 $\frac{5}{8}$	488 $\frac{7}{8}$
24	432	438	444	450	25	475	481 $\frac{1}{4}$	487 $\frac{1}{2}$	493 $\frac{3}{4}$
24 $\frac{1}{4}$	436 $\frac{1}{2}$	442 $\frac{5}{8}$	448 $\frac{5}{8}$	454 $\frac{3}{4}$	25 $\frac{1}{4}$	479 $\frac{3}{4}$	486	492 $\frac{5}{8}$	498 $\frac{3}{4}$
24 $\frac{1}{2}$	441	447 $\frac{1}{8}$	453 $\frac{1}{4}$	459 $\frac{5}{8}$	25 $\frac{1}{2}$	484 $\frac{1}{2}$	490 $\frac{7}{8}$	497 $\frac{1}{4}$	503 $\frac{5}{8}$
24 $\frac{3}{4}$	445 $\frac{1}{2}$	451 $\frac{3}{4}$	457 $\frac{7}{8}$	464	25 $\frac{3}{4}$	489 $\frac{1}{4}$	495 $\frac{3}{4}$	502 $\frac{1}{8}$	508 $\frac{5}{8}$
25	450	456 $\frac{1}{4}$	462 $\frac{1}{2}$	468 $\frac{3}{4}$	26	494	500 $\frac{1}{2}$	507	513 $\frac{1}{2}$
25 $\frac{1}{2}$	459	465 $\frac{3}{8}$	471 $\frac{3}{4}$	478 $\frac{1}{8}$	26 $\frac{1}{2}$	503 $\frac{1}{2}$	510 $\frac{1}{8}$	516 $\frac{3}{4}$	523 $\frac{3}{8}$
26	468	474 $\frac{1}{2}$	481	487 $\frac{1}{2}$	27	513	519 $\frac{3}{4}$	526 $\frac{1}{2}$	533 $\frac{1}{4}$
26 $\frac{1}{2}$	477	483 $\frac{5}{8}$	490 $\frac{1}{4}$	496 $\frac{7}{8}$	27 $\frac{1}{2}$	522 $\frac{1}{2}$	529 $\frac{5}{8}$	536 $\frac{1}{4}$	543 $\frac{3}{8}$
27	486	492 $\frac{3}{4}$	499 $\frac{1}{2}$	506 $\frac{1}{4}$	28	532	539	546	553
27 $\frac{1}{2}$	495	501 $\frac{7}{8}$	508 $\frac{3}{4}$	515 $\frac{5}{8}$	28 $\frac{1}{2}$	541 $\frac{1}{2}$	548 $\frac{5}{8}$	555 $\frac{3}{4}$	562 $\frac{7}{8}$
28	504	511	518	525	29	551	558 $\frac{1}{8}$	565 $\frac{1}{4}$	572 $\frac{3}{8}$
28 $\frac{1}{2}$	513	520 $\frac{1}{8}$	527 $\frac{1}{4}$	534 $\frac{3}{8}$	29 $\frac{1}{2}$	560 $\frac{1}{2}$	567 $\frac{7}{8}$	575 $\frac{1}{4}$	582 $\frac{5}{8}$
29	522	529 $\frac{1}{4}$	536 $\frac{1}{2}$	543 $\frac{5}{8}$	30	570	577 $\frac{1}{2}$	585	592 $\frac{1}{2}$
29 $\frac{1}{2}$	531	538 $\frac{3}{8}$	545 $\frac{3}{4}$	553 $\frac{1}{8}$	30 $\frac{1}{2}$	579 $\frac{1}{2}$	587 $\frac{1}{8}$	594 $\frac{3}{4}$	602 $\frac{1}{2}$
30	540	547 $\frac{1}{2}$	555	562 $\frac{1}{2}$	31	589	596 $\frac{3}{8}$	604 $\frac{1}{2}$	612 $\frac{1}{4}$
30 $\frac{1}{2}$	549	556 $\frac{3}{8}$	564 $\frac{1}{4}$	571 $\frac{7}{8}$	31 $\frac{1}{2}$	598 $\frac{1}{2}$	606 $\frac{5}{8}$	614 $\frac{1}{4}$	622 $\frac{1}{2}$
31	558	565 $\frac{3}{4}$	573 $\frac{1}{2}$	581 $\frac{1}{4}$	32	608	614	624	632



SQUARE AND UNEQUAL SIDES.

41

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	20	20 $\frac{1}{4}$	20 $\frac{1}{2}$	20 $\frac{3}{4}$	Inches.	21	21 $\frac{1}{4}$	21 $\frac{1}{2}$	21 $\frac{3}{4}$
20	400	..	..	..	21	441	..	..	..
20 $\frac{1}{4}$	405	410	..	..	21 $\frac{1}{4}$	446 $\frac{1}{4}$	451 $\frac{5}{8}$	..	..
20 $\frac{1}{2}$	410	415 $\frac{1}{8}$	420 $\frac{1}{4}$	..	21 $\frac{1}{2}$	451 $\frac{1}{2}$	456 $\frac{7}{8}$	462 $\frac{1}{4}$	..
20 $\frac{3}{4}$	415	420 $\frac{1}{4}$	425 $\frac{3}{8}$	430 $\frac{5}{8}$	21 $\frac{3}{4}$	456 $\frac{3}{4}$	462 $\frac{1}{4}$	467 $\frac{5}{8}$	473
21	420	425 $\frac{1}{4}$	430 $\frac{1}{2}$	435 $\frac{3}{4}$	22	462	467 $\frac{1}{2}$	473	478 $\frac{1}{2}$
21 $\frac{1}{4}$	425	430 $\frac{1}{4}$	435 $\frac{5}{8}$	441	22 $\frac{1}{4}$	467 $\frac{1}{4}$	472 $\frac{7}{8}$	478 $\frac{3}{8}$	484
21 $\frac{1}{2}$	430	435 $\frac{3}{8}$	440 $\frac{3}{4}$	446 $\frac{1}{8}$	22 $\frac{1}{2}$	472 $\frac{1}{2}$	478 $\frac{1}{8}$	483 $\frac{3}{4}$	489 $\frac{3}{8}$
21 $\frac{3}{4}$	435	440 $\frac{1}{2}$	445 $\frac{7}{8}$	451 $\frac{3}{8}$	22 $\frac{3}{4}$	477 $\frac{3}{4}$	483 $\frac{1}{2}$	489 $\frac{1}{8}$	494 $\frac{7}{8}$
22	440	445 $\frac{1}{2}$	451	456 $\frac{1}{2}$	23	483	488 $\frac{3}{4}$	494 $\frac{1}{2}$	500 $\frac{1}{4}$
22 $\frac{1}{4}$	445	450 $\frac{5}{8}$	456 $\frac{1}{8}$	461 $\frac{3}{4}$	23 $\frac{1}{4}$	488 $\frac{1}{4}$	494	499 $\frac{1}{8}$	505 $\frac{3}{4}$
22 $\frac{1}{2}$	450	455 $\frac{3}{8}$	461 $\frac{1}{4}$	466 $\frac{7}{8}$	23 $\frac{1}{2}$	493 $\frac{1}{2}$	499 $\frac{3}{8}$	505 $\frac{1}{4}$	511 $\frac{1}{8}$
22 $\frac{3}{4}$	455	460 $\frac{3}{4}$	466 $\frac{3}{8}$	472	23 $\frac{3}{4}$	498 $\frac{3}{4}$	504 $\frac{1}{4}$	510 $\frac{5}{8}$	516 $\frac{7}{8}$
23	460	465 $\frac{3}{4}$	471 $\frac{1}{2}$	477 $\frac{1}{4}$	24	504	510	516	522
23 $\frac{1}{4}$	465	470 $\frac{7}{8}$	476 $\frac{5}{8}$	482 $\frac{1}{2}$	24 $\frac{1}{4}$	509 $\frac{1}{4}$	515 $\frac{3}{8}$	521 $\frac{3}{8}$	527 $\frac{1}{2}$
23 $\frac{1}{2}$	470	475 $\frac{7}{8}$	481 $\frac{3}{4}$	487 $\frac{5}{8}$	24 $\frac{1}{2}$	514 $\frac{1}{2}$	520 $\frac{5}{8}$	526 $\frac{1}{4}$	532 $\frac{7}{8}$
23 $\frac{3}{4}$	475	481	486 $\frac{7}{8}$	492 $\frac{7}{8}$	24 $\frac{3}{4}$	519 $\frac{3}{4}$	526	532 $\frac{1}{8}$	538 $\frac{3}{8}$
24	480	486	492	498	25	525	531 $\frac{1}{4}$	537 $\frac{1}{2}$	543 $\frac{3}{4}$
24 $\frac{1}{4}$	485	491	497 $\frac{1}{8}$	503 $\frac{1}{4}$	25 $\frac{1}{4}$	530 $\frac{1}{4}$	536 $\frac{5}{8}$	542 $\frac{7}{8}$	549 $\frac{1}{4}$
24 $\frac{1}{2}$	490	496 $\frac{1}{2}$	502 $\frac{1}{2}$	508 $\frac{3}{8}$	25 $\frac{1}{2}$	535 $\frac{1}{2}$	541 $\frac{3}{8}$	548 $\frac{1}{4}$	554 $\frac{3}{8}$
24 $\frac{3}{4}$	495	501 $\frac{3}{4}$	507 $\frac{3}{8}$	513 $\frac{5}{8}$	25 $\frac{3}{4}$	540 $\frac{3}{4}$	547 $\frac{1}{4}$	553 $\frac{5}{8}$	560 $\frac{1}{8}$
25	500	506 $\frac{1}{2}$	512 $\frac{1}{2}$	518 $\frac{3}{4}$	26	546	552 $\frac{1}{2}$	559	565 $\frac{1}{2}$
25 $\frac{1}{4}$	505	511 $\frac{3}{8}$	517 $\frac{5}{8}$	524	26 $\frac{1}{4}$	551 $\frac{1}{4}$	557 $\frac{7}{8}$	564 $\frac{3}{8}$	571
25 $\frac{1}{2}$	510	516 $\frac{3}{8}$	522 $\frac{3}{4}$	529 $\frac{1}{8}$	26 $\frac{1}{2}$	556 $\frac{1}{2}$	563 $\frac{1}{8}$	569 $\frac{3}{4}$	576 $\frac{3}{8}$
25 $\frac{3}{4}$	515	521 $\frac{1}{2}$	527 $\frac{7}{8}$	534 $\frac{3}{8}$	26 $\frac{3}{4}$	561 $\frac{3}{4}$	565 $\frac{1}{2}$	575 $\frac{1}{8}$	581 $\frac{7}{8}$
26	520	526 $\frac{1}{2}$	533	539 $\frac{1}{2}$	27	567	573 $\frac{3}{4}$	580 $\frac{1}{2}$	587 $\frac{1}{4}$
26 $\frac{1}{4}$	525	531 $\frac{5}{8}$	538 $\frac{1}{8}$	544 $\frac{3}{4}$	27 $\frac{1}{4}$	572 $\frac{1}{4}$	579	585 $\frac{7}{8}$	592 $\frac{3}{4}$
26 $\frac{1}{2}$	530	536 $\frac{3}{8}$	543 $\frac{1}{4}$	549 $\frac{7}{8}$	27 $\frac{1}{2}$	577 $\frac{1}{2}$	584 $\frac{3}{8}$	591 $\frac{1}{4}$	598 $\frac{1}{8}$
26 $\frac{3}{4}$	535	541 $\frac{3}{4}$	548 $\frac{3}{8}$	555	27 $\frac{3}{4}$	582 $\frac{3}{4}$	589 $\frac{1}{4}$	596 $\frac{5}{8}$	603 $\frac{3}{8}$
27	540	546 $\frac{3}{4}$	553 $\frac{1}{2}$	560 $\frac{1}{4}$	28	588	595	602	609
27 $\frac{1}{2}$	550	556 $\frac{7}{8}$	563 $\frac{3}{4}$	570 $\frac{5}{8}$	28 $\frac{1}{2}$	598 $\frac{1}{2}$	605 $\frac{5}{8}$	612 $\frac{3}{4}$	619 $\frac{7}{8}$
28	560	567	574	581	29	609	616 $\frac{1}{4}$	623 $\frac{1}{2}$	630 $\frac{3}{4}$
28 $\frac{1}{2}$	570	577 $\frac{1}{8}$	584 $\frac{1}{4}$	591 $\frac{3}{8}$	29 $\frac{1}{2}$	619 $\frac{1}{2}$	626 $\frac{7}{8}$	634 $\frac{1}{4}$	641 $\frac{5}{8}$
29	580	587 $\frac{1}{4}$	594 $\frac{1}{2}$	601 $\frac{3}{4}$	30	630	637 $\frac{1}{2}$	645	652 $\frac{1}{2}$
29 $\frac{1}{2}$	590	597 $\frac{3}{8}$	604 $\frac{3}{4}$	612 $\frac{1}{8}$	30 $\frac{1}{2}$	640 $\frac{1}{2}$	648 $\frac{1}{8}$	655 $\frac{3}{8}$	663 $\frac{3}{8}$
30	600	607 $\frac{1}{2}$	615	622 $\frac{1}{2}$	31	651	658 $\frac{3}{4}$	666 $\frac{1}{2}$	674 $\frac{1}{4}$
30 $\frac{1}{2}$	610	617 $\frac{5}{8}$	625 $\frac{1}{4}$	632 $\frac{7}{8}$	31 $\frac{1}{2}$	661 $\frac{1}{2}$	669 $\frac{3}{8}$	677 $\frac{1}{4}$	685 $\frac{1}{8}$
31	620	627 $\frac{3}{4}$	635 $\frac{1}{2}$	643 $\frac{1}{4}$	32	672	680	688	696
31 $\frac{1}{2}$	630	637 $\frac{7}{8}$	645 $\frac{3}{8}$	653 $\frac{5}{8}$	32 $\frac{1}{2}$	682 $\frac{1}{2}$	690 $\frac{5}{8}$	698 $\frac{3}{4}$	706 $\frac{7}{8}$
32	640	648	656	664	33	693	701 $\frac{1}{4}$	709 $\frac{1}{2}$	717 $\frac{3}{4}$
32 $\frac{1}{2}$	650	658 $\frac{1}{2}$	666 $\frac{1}{2}$	674 $\frac{3}{8}$	33 $\frac{1}{2}$	703 $\frac{1}{2}$	711 $\frac{7}{8}$	720 $\frac{1}{4}$	728 $\frac{5}{8}$
33	660	668 $\frac{1}{4}$	676 $\frac{1}{2}$	684 $\frac{3}{4}$	34	714	722 $\frac{1}{2}$	731	739 $\frac{1}{2}$



Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	22	22 $\frac{1}{4}$	22 $\frac{1}{2}$	22 $\frac{3}{4}$	Inches.	23	23 $\frac{1}{4}$	23 $\frac{1}{2}$	23 $\frac{3}{4}$
22	484	..	..	..	23	529	..	..	..
22 $\frac{1}{4}$	489 $\frac{1}{2}$	495	..	..	23 $\frac{1}{4}$	534 $\frac{3}{4}$	540 $\frac{5}{8}$	..	..
22 $\frac{1}{2}$	495	500 $\frac{5}{8}$	506 $\frac{1}{4}$	..	23 $\frac{1}{2}$	540 $\frac{1}{2}$	546 $\frac{3}{8}$	552 $\frac{1}{4}$	..
22 $\frac{3}{4}$	500 $\frac{1}{2}$	506 $\frac{1}{4}$	511 $\frac{1}{8}$	517 $\frac{5}{8}$	23 $\frac{3}{4}$	546 $\frac{1}{4}$	552 $\frac{1}{4}$	558 $\frac{1}{8}$	564
23	506	511 $\frac{3}{4}$	517 $\frac{1}{2}$	523 $\frac{1}{4}$	24	552	558	564	570
23 $\frac{1}{4}$	511 $\frac{1}{2}$	517 $\frac{5}{8}$	523 $\frac{1}{8}$	529	24 $\frac{1}{4}$	557 $\frac{3}{8}$	563 $\frac{7}{8}$	569 $\frac{7}{8}$	576
23 $\frac{1}{2}$	517	522 $\frac{7}{8}$	528 $\frac{3}{4}$	534 $\frac{5}{8}$	24 $\frac{1}{2}$	563 $\frac{1}{2}$	569 $\frac{5}{8}$	575 $\frac{1}{4}$	581 $\frac{7}{8}$
23 $\frac{3}{4}$	522 $\frac{1}{2}$	528 $\frac{1}{2}$	534 $\frac{3}{8}$	540 $\frac{3}{8}$	24 $\frac{3}{4}$	569 $\frac{1}{4}$	575 $\frac{1}{2}$	581 $\frac{1}{8}$	587 $\frac{7}{8}$
24	528	534	540	546	25	575	581 $\frac{1}{4}$	587 $\frac{1}{2}$	593 $\frac{3}{4}$
24 $\frac{1}{4}$	533 $\frac{1}{2}$	539 $\frac{5}{8}$	545 $\frac{5}{8}$	551 $\frac{3}{4}$	25 $\frac{1}{4}$	580 $\frac{3}{4}$	587	593 $\frac{3}{8}$	599 $\frac{3}{4}$
24 $\frac{1}{2}$	539	545 $\frac{1}{8}$	551 $\frac{1}{4}$	557 $\frac{3}{8}$	25 $\frac{1}{2}$	586 $\frac{1}{2}$	592 $\frac{7}{8}$	599 $\frac{1}{2}$	605 $\frac{5}{8}$
24 $\frac{3}{4}$	544 $\frac{1}{2}$	550 $\frac{1}{4}$	556 $\frac{7}{8}$	563	25 $\frac{3}{4}$	592 $\frac{1}{4}$	598 $\frac{3}{4}$	605 $\frac{1}{8}$	611 $\frac{5}{8}$
25	550	556 $\frac{1}{4}$	562 $\frac{1}{2}$	568 $\frac{3}{4}$	26	598	604 $\frac{1}{2}$	611	617 $\frac{1}{2}$
25 $\frac{1}{4}$	555 $\frac{1}{2}$	561 $\frac{7}{8}$	568 $\frac{1}{4}$	574 $\frac{1}{2}$	26 $\frac{1}{4}$	603 $\frac{3}{4}$	610 $\frac{3}{8}$	616 $\frac{7}{8}$	623 $\frac{1}{2}$
25 $\frac{1}{2}$	561	567 $\frac{3}{8}$	573 $\frac{3}{4}$	580 $\frac{1}{8}$	26 $\frac{1}{2}$	609 $\frac{1}{2}$	616 $\frac{1}{8}$	622 $\frac{3}{8}$	629 $\frac{3}{8}$
25 $\frac{3}{4}$	566 $\frac{1}{2}$	573	579 $\frac{3}{8}$	585 $\frac{7}{8}$	26 $\frac{3}{4}$	615 $\frac{1}{4}$	622	628 $\frac{5}{8}$	635 $\frac{3}{8}$
26	572	578 $\frac{1}{2}$	585	591 $\frac{1}{2}$	27	621	627 $\frac{3}{4}$	634 $\frac{1}{2}$	641 $\frac{1}{4}$
26 $\frac{1}{4}$	577 $\frac{1}{2}$	584 $\frac{1}{8}$	590 $\frac{5}{8}$	597 $\frac{1}{4}$	27 $\frac{1}{4}$	626 $\frac{3}{4}$	633 $\frac{1}{8}$	640 $\frac{3}{8}$	647 $\frac{1}{4}$
26 $\frac{1}{2}$	583	589 $\frac{5}{8}$	596 $\frac{1}{2}$	602 $\frac{7}{8}$	27 $\frac{1}{2}$	632 $\frac{1}{2}$	639 $\frac{3}{8}$	646 $\frac{1}{2}$	653 $\frac{1}{8}$
26 $\frac{3}{4}$	588 $\frac{1}{2}$	595 $\frac{1}{4}$	601 $\frac{7}{8}$	608 $\frac{5}{8}$	27 $\frac{3}{4}$	638 $\frac{1}{4}$	645 $\frac{1}{4}$	652 $\frac{1}{8}$	659
27	594	600 $\frac{3}{4}$	607 $\frac{1}{2}$	614 $\frac{1}{4}$	28	644	651	658	665
27 $\frac{1}{4}$	599 $\frac{1}{2}$	606 $\frac{5}{8}$	613 $\frac{1}{8}$	620	28 $\frac{1}{4}$	649 $\frac{3}{4}$	656 $\frac{7}{8}$	663 $\frac{7}{8}$	671
27 $\frac{1}{2}$	605	611 $\frac{7}{8}$	618 $\frac{3}{4}$	625 $\frac{5}{8}$	28 $\frac{1}{2}$	655 $\frac{1}{2}$	662 $\frac{5}{8}$	669 $\frac{3}{4}$	676 $\frac{7}{8}$
27 $\frac{3}{4}$	610 $\frac{1}{2}$	617 $\frac{1}{2}$	624 $\frac{3}{8}$	631 $\frac{3}{8}$	28 $\frac{3}{4}$	661 $\frac{1}{4}$	668 $\frac{1}{2}$	675 $\frac{5}{8}$	682 $\frac{7}{8}$
28	616	623	630	637	29	667	674 $\frac{1}{4}$	681 $\frac{1}{2}$	688 $\frac{3}{4}$
28 $\frac{1}{4}$	621 $\frac{1}{2}$	628 $\frac{5}{8}$	635 $\frac{5}{8}$	642 $\frac{3}{4}$	29 $\frac{1}{4}$	672 $\frac{3}{4}$	680	687	694 $\frac{1}{4}$
28 $\frac{1}{2}$	627	634 $\frac{1}{8}$	641 $\frac{1}{4}$	648 $\frac{3}{8}$	29 $\frac{1}{2}$	678 $\frac{1}{2}$	685 $\frac{7}{8}$	693 $\frac{1}{2}$	700 $\frac{5}{8}$
28 $\frac{3}{4}$	632 $\frac{1}{2}$	639 $\frac{3}{4}$	646 $\frac{7}{8}$	654	29 $\frac{3}{4}$	684 $\frac{1}{4}$	691 $\frac{1}{4}$	699 $\frac{1}{8}$	706 $\frac{5}{8}$
29	638	645 $\frac{1}{4}$	652 $\frac{1}{2}$	659 $\frac{3}{4}$	30	690	697 $\frac{1}{2}$	705	712 $\frac{1}{2}$
29 $\frac{1}{2}$	649	656 $\frac{3}{8}$	663 $\frac{3}{4}$	671 $\frac{1}{8}$	30 $\frac{1}{2}$	701 $\frac{1}{2}$	709 $\frac{1}{8}$	716 $\frac{3}{4}$	724 $\frac{3}{8}$
30	660	667 $\frac{1}{2}$	675	682 $\frac{1}{2}$	31	713	720 $\frac{3}{4}$	728 $\frac{1}{2}$	736 $\frac{1}{4}$
30 $\frac{1}{2}$	671	678 $\frac{5}{8}$	686 $\frac{1}{4}$	693 $\frac{7}{8}$	31 $\frac{1}{2}$	724 $\frac{1}{2}$	732 $\frac{3}{8}$	740 $\frac{1}{4}$	748 $\frac{1}{8}$
31	682	689 $\frac{3}{4}$	697 $\frac{1}{2}$	705 $\frac{1}{4}$	32	736	744	752	760
31 $\frac{1}{2}$	693	700 $\frac{7}{8}$	708 $\frac{5}{4}$	716 $\frac{5}{8}$	32 $\frac{1}{2}$	747 $\frac{1}{2}$	755 $\frac{5}{8}$	763 $\frac{3}{4}$	771 $\frac{7}{8}$
32	704	712	720	728	33	759	767 $\frac{1}{4}$	775 $\frac{1}{2}$	783 $\frac{3}{4}$
32 $\frac{1}{2}$	715	723 $\frac{1}{8}$	731 $\frac{1}{4}$	739 $\frac{3}{8}$	33 $\frac{1}{2}$	770 $\frac{1}{2}$	778 $\frac{7}{8}$	787 $\frac{1}{2}$	795 $\frac{5}{8}$
33	726	734 $\frac{1}{4}$	742 $\frac{1}{2}$	750 $\frac{3}{4}$	34	782	790 $\frac{1}{2}$	799	807 $\frac{1}{2}$
33 $\frac{1}{2}$	737	745 $\frac{5}{8}$	753 $\frac{3}{4}$	762 $\frac{1}{2}$	34 $\frac{1}{2}$	793 $\frac{1}{2}$	802 $\frac{1}{8}$	810 $\frac{3}{4}$	819 $\frac{3}{8}$
34	748	756 $\frac{1}{2}$	765	773 $\frac{1}{2}$	35	805	813 $\frac{3}{8}$	822 $\frac{1}{2}$	831 $\frac{1}{4}$
34 $\frac{1}{2}$	759	767 $\frac{5}{8}$	776 $\frac{1}{4}$	784 $\frac{7}{8}$	35 $\frac{1}{2}$	816 $\frac{1}{2}$	825 $\frac{3}{8}$	834 $\frac{1}{4}$	843 $\frac{1}{8}$
35	770	778 $\frac{3}{4}$	787 $\frac{1}{2}$	796 $\frac{1}{4}$	36	828	837	846	855

Length.	In.	In.	In.	In.	Length.	In.	In.	In.	In.
Inches.	24	24½	25	25½	Inches.	26	26½	27	27½
24	576	..	..	..	26	676	..	..	..
24½	588	600¼	..	..	26½	689	702¼	..	..
25	600	612½	625	..	27	702	715½	729	..
25½	612	624¾	637½	650¼	27½	715	728¾	742½	756¼
26	624	637	650	663	28	728	742	756	770
26½	636	649¼	662½	675¾	28½	741	755¼	769½	783¾
27	648	661½	675	688½	29	754	768½	783	797½
27½	650	673¾	687½	701¼	29½	767	781¾	796½	811¼
28	672	686	700	714	30	780	795	810	825
28½	684	698¼	712½	726¾	30½	793	808¼	823½	838¾
29	696	710½	725	739½	31	806	821½	837	852½
29½	708	722¾	737½	752¼	31½	819	834¾	850½	866¼
30	720	735	750	765	32	832	848	864	880
30½	732	747¼	762½	777¾	32½	845	861¼	877½	893¾
31	744	759½	775	790½	33	858	874½	891	907½
31½	756	771¾	787½	803¼	33½	871	887¼	904½	921¼
32	768	784	800	816	34	884	901	918	935
32½	780	796¼	812½	828¾	34½	897	914¼	931½	948¾
33	792	808½	825	841½	35	910	927½	945	962½

Length.					Length.				
Inches.	28	28½	29	29½	Inches.	30	30½	31	31½
28	784	..	..	..	30	900	..	..	..
28½	798	812¼	..	..	30½	915	930¼	..	..
29	812	826½	841	..	31	930	945½	961	..
29½	826	840¾	855½	870¼	31½	945	960¾	976½	992¼
30	840	855	870	885	32	960	976	992	1008
30½	854	869¼	884½	899¾	32½	975	991¼	1007½	1023¾
31	868	883½	899	914½	33	990	1006½	1023	1039½
31½	882	897¾	913½	929¼	33½	1005	1021¾	1038½	1055¼
32	896	912	928	944	34	1020	1037	1054	1071
32½	910	926¼	942½	958¾	34½	1035	1052¼	1069½	1086¾
33	924	940½	957	973½	35	1050	1067½	1085	1102½
33½	938	954¾	971½	988¼	35½	1065	1082¾	1100½	1118½
34	952	969	986	1003	36	1080	1098	1116	1134
34½	966	983¼	1000½	1017¾	36½	1095	1113¼	1131½	1149¾
35	980	997½	1015	1032½	37	1110	1128½	1147	1165½
35½	994	1011¾	1029½	1047¼	37½	1125	1143¾	1162½	1181¼
36	1008	1026	1044	1062	38	1140	1159	1178	1197
36½	1022	1040¼	1058½	1076¾	38½	1155	1174¼	1193½	1212¾
37	1036	1054½	1073	1091½	39	1170	1189½	1209	1228½



A  
**NEW TABLE**  
**OF**  
**SOLID AND SUPERFICIAL MEASURE;**

**BY WHICH,**

**In Feet, Inches, and Twelve Parts, the true Content of any Solid, or the  
Superficies of any regular or irregular Dimensions may be readily found.**

## FRACTIONAL PARTS OF AREAS.

Number.	Area. $\frac{1}{8}$				Area. $\frac{1}{4}$				Area. $\frac{3}{8}$				Area. $\frac{1}{2}$				
	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	..	..	..	1	..	..	..	3	..	..	..	4	..	..	..	6	
2	..	..	..	3	..	..	..	6	..	..	..	9	..	..	1	0	
3	..	..	..	4	..	..	..	9	..	..	1	1	..	..	1	6	
4	..	..	..	6	..	..	1	0	..	..	1	6	..	..	2	0	
5	..	..	..	7	..	..	1	3	..	..	1	10	..	..	2	6	
6	..	..	..	9	..	..	1	6	..	..	2	3	..	..	3	0	
7	..	..	..	10	..	..	1	9	..	..	2	7	..	..	3	6	
8	..	..	1	0	..	..	2	0	..	..	3	0	..	..	4	0	
9	..	..	1	1	..	..	2	3	..	..	3	4	..	..	4	6	
10	..	..	1	3	..	..	2	6	..	..	3	9	..	..	5	0	
20	..	..	2	6	..	..	5	0	..	..	7	6	..	..	10	0	
30	..	..	3	9	..	..	7	6	..	..	11	3	..	1	3	0	
40	..	..	5	0	..	..	10	0	..	1	3	0	..	1	8	0	
50	..	..	6	3	..	1	0	6	..	1	6	9	..	2	1	0	
60	..	..	7	6	..	1	3	0	..	1	10	6	..	2	6	0	
70	..	..	8	9	..	1	5	6	..	2	2	3	..	2	11	0	
80	..	..	10	0	..	1	8	0	..	2	6	0	..	3	4	0	
90	..	..	11	3	..	1	10	6	..	2	9	9	..	3	9	0	
100	..	1	0	6	..	2	1	0	..	3	1	6	..	4	2	0	
200	..	2	1	0	..	4	2	0	..	6	3	0	..	8	4	0	
300	..	3	1	6	..	6	3	0	..	9	4	6	..	1	0	6	0
400	..	4	2	0	..	8	4	0	..	1	0	6	0	1	4	8	0
500	..	5	2	6	..	10	5	0	..	1	3	7	6	1	8	10	0
1000	..	10	5	0	1	8	10	0	2	7	3	0	3	5	8	0	

Number.	Area. $\frac{5}{8}$				Area. $\frac{3}{4}$				Area. $\frac{7}{8}$				Area. 1			
	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.
1	..	..	..	7	..	..	..	9	..	..	..	10	..	..	1	0
2	..	..	1	3	..	..	1	6	..	..	1	9	..	..	2	0
3	..	..	1	10	..	..	2	3	..	..	2	7	..	..	3	0
4	..	..	2	6	..	..	3	0	..	..	3	6	..	..	4	0
5	..	..	3	1	..	..	3	9	..	..	4	4	..	..	5	0
6	..	..	3	9	..	..	4	6	..	..	5	3	..	..	6	0
7	..	..	4	4	..	..	5	3	..	..	6	1	..	..	7	0
8	..	..	5	0	..	..	6	0	..	..	7	0	..	..	8	0
9	..	..	5	7	..	..	6	9	..	..	7	10	..	..	9	0
10	..	..	6	3	..	..	7	6	..	..	8	9	..	..	10	0
20	..	1	0	6	..	1	3	0	..	1	5	6	..	1	8	0
30	..	1	6	9	..	1	10	6	..	2	2	3	..	2	6	0
40	..	2	1	0	..	2	6	0	..	2	11	0	..	3	4	0
50	..	2	7	3	..	3	1	6	..	3	7	9	..	4	2	0
60	..	3	1	6	..	3	9	0	..	4	4	6	..	5	0	0
70	..	3	7	9	..	4	4	6	..	5	1	3	..	5	10	0
80	..	4	2	0	..	5	0	0	..	5	10	0	..	6	8	0
90	..	4	8	3	..	5	7	6	..	6	6	9	..	7	6	0
100	..	5	2	6	..	6	3	0	..	7	3	6	..	8	4	0
200	..	10	5	0	1	0	6	0	1	2	7	0	1	4	8	0
300	1	3	7	6	1	6	9	0	1	9	10	6	2	1	0	0
400	1	8	10	0	2	1	0	0	2	5	2	0	2	9	4	0
500	2	2	0	6	2	7	3	0	3	0	5	6	3	5	8	0
1000	4	4	1	0	5	2	6	0	6	0	11	0	6	11	4	0



Length.	Area. 2			Area. 3			Area. 4			Length.	Area. 5			Area. 6			Area. 7		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	0	2	0	0	3	0	0	4	1	0	0	5	0	0	6	0	0	7
2	0	0	4	0	0	6	0	0	8	2	0	0	10	0	1	0	0	1	2
3	0	0	6	0	0	9	0	1	0	3	0	1	3	0	1	6	0	1	9
4	0	0	8	0	1	0	0	1	4	4	0	1	8	0	2	0	0	2	4
5	0	0	10	0	1	3	0	1	8	5	0	2	1	0	2	6	0	2	11
6	0	1	0	0	1	6	0	2	0	6	0	2	6	0	3	0	0	3	6
7	0	1	2	0	1	9	0	2	4	7	0	2	11	0	3	6	0	4	1
8	0	1	4	0	2	0	0	2	8	8	0	3	4	0	4	0	0	4	8
9	0	1	6	0	2	3	0	3	0	9	0	3	9	0	4	6	0	5	3
10	0	1	8	0	2	6	0	3	4	10	0	4	2	0	5	0	0	5	10
11	0	1	10	0	2	9	0	3	8	11	0	4	7	0	5	6	0	6	5
12	0	2	0	0	3	0	0	4	0	12	0	5	0	0	6	0	0	7	0
13	0	2	2	0	3	3	0	4	4	13	0	5	5	0	6	6	0	7	7
14	0	2	4	0	3	6	0	4	8	14	0	5	10	0	7	0	0	8	2
15	0	2	6	0	3	9	0	5	0	15	0	6	3	0	7	6	0	8	9
16	0	2	8	0	4	0	0	5	4	16	0	6	8	0	8	0	0	9	4
17	0	2	10	0	4	3	0	5	8	17	0	7	1	0	8	6	0	9	11
18	0	3	0	0	4	6	0	6	0	18	0	7	6	0	9	0	0	10	6
19	0	3	2	0	4	9	0	6	4	19	0	7	11	0	9	6	0	11	1
20	0	3	4	0	5	0	0	6	8	20	0	8	4	0	10	0	0	11	8
21	0	3	6	0	5	3	0	7	0	21	0	8	9	0	10	6	1	0	3
22	0	3	8	0	5	6	0	7	4	22	0	9	2	0	11	0	1	0	10
23	0	3	10	0	5	9	0	7	8	23	0	9	7	0	11	6	1	1	5
24	0	4	0	0	6	0	0	8	0	24	0	10	0	1	0	0	1	2	0
25	0	4	2	0	6	3	0	8	4	25	0	10	5	1	0	6	1	2	7
26	0	4	4	0	6	6	0	8	8	26	0	10	10	1	1	0	1	3	2
27	0	4	6	0	6	9	0	9	0	27	0	11	3	1	1	6	1	3	9
28	0	4	8	0	7	0	0	9	4	28	0	11	8	1	2	0	1	4	4
29	0	4	10	0	7	3	0	9	8	29	1	0	1	1	2	6	1	4	11
30	0	5	0	0	7	6	0	10	0	30	1	0	6	1	3	0	1	5	6
31	0	5	2	0	7	9	0	10	4	31	1	0	11	1	3	6	1	6	1
32	0	5	4	0	8	0	0	10	8	32	1	1	4	1	4	0	1	6	8
33	0	5	6	0	8	3	0	11	0	33	1	1	9	1	4	6	1	7	3
34	0	5	8	0	8	6	0	11	4	34	1	2	2	1	5	0	1	7	10
35	0	5	10	0	8	9	0	11	8	35	1	2	7	1	5	6	1	8	5
50	0	8	4	1	0	6	1	4	8	50	1	8	10	2	1	0	2	5	2
In.	I. P. S.			I. P. S.			I. P. S.			In.	I. P. S.			I. P. S.			I. P. S.		
1	0	0	2	0	0	3	0	0	4	1	0	0	5	0	0	6	0	0	7
2	0	0	4	0	0	6	0	0	8	2	0	0	10	0	1	0	0	1	2
3	0	0	6	0	0	9	0	1	0	3	0	1	3	0	1	6	0	1	9
4	0	0	8	0	1	0	0	1	4	4	0	1	8	0	2	0	0	2	4
5	0	0	10	0	1	3	0	1	8	5	0	2	1	0	2	6	0	2	11
6	0	1	0	0	1	6	0	2	0	6	0	2	6	0	3	0	0	3	6
7	0	1	2	0	1	9	0	2	4	7	0	2	11	0	3	6	0	4	1
8	0	1	4	0	2	0	0	2	8	8	0	3	4	0	4	0	0	4	8
9	0	1	6	0	2	3	0	3	0	9	0	3	9	0	4	6	0	5	3
10	0	1	8	0	2	6	0	3	4	10	0	4	2	0	5	0	0	5	10
11	0	1	10	0	2	9	0	3	8	11	0	4	7	0	5	6	0	6	5

Length.	Area. 8			Area. 9			Area. 10			Length.	Area. 11			Area. 12			Area. 13		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	0	8	0	0	9	0	0	10	1	0	0	11	0	1	0	0	1	1
2	0	1	4	0	1	6	0	1	8	2	0	1	10	0	2	0	0	2	2
3	0	2	0	0	2	3	0	2	6	3	0	2	9	0	3	0	0	3	3
4	0	2	8	0	3	0	0	3	4	4	0	3	8	0	4	0	0	4	4
5	0	3	4	0	3	9	0	4	2	5	0	4	7	0	5	0	0	5	5
6	0	4	0	0	4	6	0	5	0	6	0	5	6	0	6	0	0	6	6
7	0	4	8	0	5	3	0	5	10	7	0	6	5	0	7	0	0	7	7
8	0	5	4	0	6	0	0	6	8	8	0	7	4	0	8	0	0	8	8
9	0	6	0	0	6	9	0	7	6	9	0	8	3	0	9	0	0	9	9
10	0	6	8	0	7	6	0	8	4	10	0	9	2	0	10	0	0	10	10
11	0	7	4	0	8	3	0	9	2	11	0	10	1	0	11	0	0	11	11
12	0	8	0	0	9	0	0	10	0	12	0	11	0	1	0	0	1	1	0
13	0	8	8	0	9	9	0	10	10	13	0	11	11	1	1	0	1	2	1
14	0	9	4	0	10	6	0	11	8	14	1	0	10	1	2	0	1	3	2
15	0	10	0	0	11	3	1	0	6	15	1	1	9	1	3	0	1	4	3
16	0	10	8	1	0	0	1	1	4	16	1	2	8	1	4	0	1	5	4
17	0	11	4	1	0	9	1	2	2	17	1	3	7	1	5	0	1	6	5
18	1	0	0	1	1	6	1	3	0	18	1	4	6	1	6	0	1	7	6
19	1	0	8	1	2	3	1	3	10	19	1	5	5	1	7	0	1	8	7
20	1	1	4	1	3	0	1	4	8	20	1	6	4	1	8	0	1	9	8
21	1	2	0	1	3	9	1	5	6	21	1	7	3	1	9	0	1	10	9
22	1	2	8	1	4	6	1	6	4	22	1	8	2	1	10	0	1	11	10
23	1	3	4	1	5	3	1	7	2	23	1	9	1	1	11	0	2	0	11
24	1	4	0	1	6	0	1	8	0	24	1	10	0	2	0	0	2	2	0
25	1	4	8	1	6	9	1	8	10	25	1	10	11	2	1	0	2	3	1
26	1	5	4	1	7	6	1	9	8	26	1	11	10	2	2	0	2	4	2
27	1	6	0	1	8	3	1	10	6	27	2	0	9	2	3	0	2	5	3
28	1	6	8	1	9	0	1	11	4	28	2	1	8	2	4	0	2	6	4
29	1	7	4	1	9	9	2	0	2	29	2	2	7	2	5	0	2	7	5
30	1	8	0	1	10	6	2	1	0	30	2	3	6	2	6	0	2	8	6
31	1	8	8	1	11	3	2	1	10	31	2	4	5	2	7	0	2	9	7
32	1	9	4	2	0	0	2	2	8	32	2	5	4	2	8	0	2	10	8
33	1	10	0	2	0	9	2	3	6	33	2	6	3	2	9	0	2	11	9
34	1	10	8	2	1	6	2	4	4	34	2	7	2	2	10	0	3	0	10
35	1	11	4	2	2	3	2	5	2	35	2	8	1	2	11	0	3	1	11
50	2	9	4	3	1	6	3	5	8	50	3	9	10	4	2	0	4	6	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	0	8	0	0	9	0	0	10	1	0	0	11	0	1	0	0	1	1
2	0	1	4	0	1	6	0	1	8	2	0	1	10	0	2	0	0	2	2
3	0	2	0	0	2	3	0	2	6	3	0	2	9	0	3	0	0	3	3
4	0	2	8	0	3	0	0	3	4	4	0	3	8	0	4	0	0	4	4
5	0	3	4	0	3	9	0	4	2	5	0	4	7	0	5	0	0	5	5
6	0	4	0	0	4	6	0	5	0	6	0	5	6	0	6	0	0	6	6
7	0	4	8	0	5	3	0	5	10	7	0	6	5	0	7	0	0	7	7
8	0	5	4	0	6	0	0	6	8	8	0	7	4	0	8	0	0	8	8
9	0	6	0	0	6	9	0	7	6	9	0	8	3	0	9	0	0	9	9
10	0	6	8	0	7	6	0	8	4	10	0	9	2	0	10	0	0	10	10
11	0	7	4	0	8	3	0	9	2	11	0	10	1	0	11	0	0	11	11

Length.	Area 14	Area 15	Area 16	Length.	Area 17	Area 18	Area 19
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 1 2	0 1 3	0 1 4	1	0 1 5	0 1 6	0 1 7
2	0 2 4	0 2 6	0 2 8	2	0 2 10	0 3 0	0 3 2
3	0 3 6	0 3 9	0 4 0	3	0 4 3	0 4 6	0 4 9
4	0 4 8	0 5 0	0 5 4	4	0 5 8	0 6 0	0 6 4
5	0 5 10	0 6 3	0 6 8	5	0 7 1	0 7 6	0 7 11
6	0 7 0	0 7 6	0 8 0	6	0 8 6	0 9 0	0 9 6
7	0 8 2	0 8 9	0 9 4	7	0 9 11	0 10 6	0 11 1
8	0 9 4	0 10 0	0 10 8	8	0 11 4	1 0 0	1 0 8
9	0 10 6	0 11 3	1 0 0	9	1 0 9	1 1 6	1 2 3
10	0 11 8	1 0 6	1 1 4	10	1 2 2	1 3 0	1 3 10
11	1 0 10	1 1 9	1 2 8	11	1 3 7	1 4 6	1 5 5
12	1 2 0	1 3 0	1 4 0	12	1 5 0	1 6 0	1 7 0
13	1 3 2	1 4 3	1 5 4	13	1 6 5	1 7 6	1 8 7
14	1 4 4	1 5 6	1 6 8	14	1 7 10	1 9 0	1 10 2
15	1 5 6	1 6 9	1 8 0	15	1 9 3	1 10 6	1 11 9
16	1 6 8	1 8 0	1 9 4	16	1 10 8	2 0 0	2 1 4
17	1 7 10	1 9 3	1 10 8	17	2 0 1	2 1 6	2 2 11
18	1 9 0	1 10 6	2 0 0	18	2 1 6	2 3 0	2 4 6
19	1 10 2	1 11 9	2 1 4	19	2 2 11	2 4 6	2 6 1
20	1 11 4	2 1 0	2 2 8	20	2 4 4	2 6 0	2 7 8
21	2 0 6	2 2 3	2 4 0	21	2 5 9	2 7 6	2 9 3
22	2 1 8	2 3 6	2 5 4	22	2 7 2	2 9 0	2 10 10
23	2 2 10	2 4 9	2 6 8	23	2 8 7	2 10 6	3 0 5
24	2 4 0	2 6 0	2 8 0	24	2 10 0	3 0 0	3 2 0
25	2 5 2	2 7 3	2 9 4	25	2 11 5	3 1 6	3 3 7
26	2 6 4	2 8 6	2 10 8	26	3 0 10	3 3 0	3 5 2
27	2 7 6	2 9 9	3 0 0	27	3 2 3	3 4 6	3 6 9
28	2 8 8	2 11 0	3 1 4	28	3 3 8	3 6 0	3 8 4
29	2 9 10	3 0 3	3 2 8	29	3 5 1	3 7 6	3 9 11
30	2 11 0	3 1 6	3 4 0	30	3 6 6	3 9 0	3 11 6
31	3 0 2	3 2 9	3 5 4	31	3 7 11	3 10 6	4 1 1
32	3 1 4	3 4 0	3 6 8	32	3 9 4	4 0 0	4 2 8
33	3 2 6	3 5 3	3 8 0	33	3 10 9	4 1 6	4 4 3
34	3 3 8	3 6 6	3 9 4	34	4 0 2	4 3 0	4 5 10
35	3 4 10	3 7 9	3 10 8	35	4 1 7	4 4 6	4 7 5
50	4 10 4	5 2 6	5 6 8	50	5 10 10	6 3 0	6 7 2
In.	I. P. s.	I. P. s.	I. P. s.	In.	I. P. s.	I. P. s.	I. P. s.
1	0 1 2	0 1 3	0 1 4	1	0 1 5	0 1 6	0 1 7
2	0 2 4	0 2 6	0 2 8	2	0 2 10	0 3 0	0 3 2
3	0 3 6	0 3 9	0 4 0	3	0 4 3	0 4 6	0 4 9
4	0 4 8	0 5 0	0 5 4	4	0 5 8	0 6 0	0 6 4
5	0 5 10	0 6 3	0 6 8	5	0 7 1	0 7 6	0 7 11
6	0 7 0	0 7 6	0 8 0	6	0 8 6	0 9 0	0 9 6
7	0 8 2	0 8 9	0 9 4	7	0 9 11	0 10 6	0 11 1
8	0 9 4	0 10 0	0 10 8	8	0 11 4	1 0 0	1 0 8
9	0 10 6	0 11 3	1 0 0	9	1 0 9	1 1 6	1 2 3
10	0 11 8	1 0 6	1 1 4	10	1 2 2	1 3 0	1 3 10
11	1 0 10	1 1 9	1 2 8	11	1 3 7	1 4 6	1 5 5

Length.	Area 20			Area 21			Area 22			Length.	Area 23			Area 24			Area 25		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	1	8	0	1	9	0	1	10	1	0	1	11	0	2	0	0	2	1
2	0	3	4	0	3	6	0	3	8	2	0	3	10	0	4	0	0	4	2
3	0	5	0	0	5	3	0	5	6	3	0	5	9	0	6	0	0	6	3
4	0	6	8	0	7	0	0	7	4	4	0	7	8	0	8	0	0	8	4
5	0	8	4	0	8	9	0	9	2	5	0	9	7	0	10	0	0	10	5
6	0	10	0	0	10	6	0	11	0	6	0	11	6	1	0	0	1	0	6
7	0	11	8	1	0	3	1	0	10	7	1	1	5	1	2	0	1	2	7
8	1	1	4	1	2	0	1	2	8	8	1	3	4	1	4	0	1	4	8
9	1	3	0	1	3	9	1	4	6	9	1	5	3	1	6	0	1	6	9
10	1	4	8	1	5	6	1	6	4	10	1	7	2	1	8	0	1	8	10
11	1	6	4	1	7	3	1	8	2	11	1	9	1	1	10	0	1	10	11
12	1	8	0	1	9	0	1	10	0	12	1	11	0	2	0	0	2	1	0
13	1	9	8	1	10	9	1	11	10	13	2	0	11	2	2	0	2	3	1
14	1	11	4	2	0	6	2	1	8	14	2	2	10	2	4	0	2	5	2
15	2	1	0	2	2	3	2	3	6	15	2	4	9	2	6	0	2	7	3
16	2	2	8	2	4	0	2	5	4	16	2	6	8	2	8	0	2	9	4
17	2	4	4	2	5	9	2	7	2	17	2	8	7	2	10	0	2	11	5
18	2	6	0	2	7	6	2	9	0	18	2	10	6	3	0	0	3	1	6
19	2	7	8	2	9	3	2	10	10	19	3	0	5	3	2	0	3	3	7
20	2	9	4	2	11	0	3	0	8	20	3	2	4	3	4	0	3	5	8
21	2	11	0	3	0	9	3	2	6	21	3	4	3	3	6	0	3	7	9
22	3	0	8	3	2	6	3	4	4	22	3	6	2	3	8	0	3	9	10
23	3	2	4	3	4	3	3	6	2	23	3	8	1	3	10	0	3	11	11
24	3	4	0	3	6	0	3	8	0	24	3	10	0	4	0	0	4	2	0
25	3	5	8	3	7	9	3	9	10	25	3	11	11	4	2	0	4	4	1
26	3	7	4	3	9	6	3	11	8	26	4	1	10	4	4	0	4	6	2
27	3	9	0	3	11	3	4	1	6	27	4	3	9	4	6	0	4	8	3
28	3	10	8	4	1	0	4	3	4	28	4	5	8	4	8	0	4	10	4
29	4	0	4	4	2	9	4	5	2	29	4	7	7	4	10	0	5	0	5
30	4	2	0	4	4	6	4	7	0	30	4	9	6	5	0	0	5	2	6
31	4	3	8	4	6	3	4	8	10	31	4	11	5	5	2	0	5	4	7
32	4	5	4	4	8	0	4	10	8	32	5	1	4	5	4	0	5	6	8
33	4	7	0	4	9	9	5	0	6	33	5	3	3	5	6	0	5	8	9
34	4	8	8	4	11	6	5	2	4	34	5	5	2	5	8	0	5	10	10
35	4	10	4	5	1	3	5	4	2	35	5	7	1	5	10	0	6	0	11
50	6	11	4	7	3	6	7	7	8	50	7	11	10	8	4	0	8	8	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	1	8	0	1	9	0	1	10	1	0	1	11	0	2	0	0	2	1
2	0	3	4	0	3	6	0	3	8	2	0	3	10	0	4	0	0	4	2
3	0	5	0	0	5	3	0	5	6	3	0	5	9	0	6	0	0	6	3
4	0	6	8	0	7	0	0	7	4	4	0	7	8	0	8	0	0	8	4
5	0	8	4	0	8	9	0	9	2	5	0	9	7	0	10	0	0	10	5
6	0	10	0	0	10	6	0	11	0	6	0	11	6	1	0	0	1	0	6
7	0	11	8	1	0	3	1	0	10	7	1	1	5	1	2	0	1	2	7
8	1	1	4	1	2	0	1	2	8	8	1	3	4	1	4	0	1	4	8
9	1	3	0	1	3	9	1	4	6	9	1	5	3	1	6	0	1	6	9
10	1	4	8	1	5	6	1	6	4	10	1	7	2	1	8	0	1	8	10
11	1	6	4	1	7	3	1	8	2	11	1	9	1	1	10	0	1	10	11



Length.	Area 26			Area 27			Area 28			Length.	Area 29			Area 30			Area 31		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	2	2	0	2	3	0	2	4	1	0	2	5	0	2	6	0	2	7
2	0	4	4	0	4	6	0	4	8	2	0	4	10	0	5	0	0	5	2
3	0	6	6	0	6	9	0	7	0	3	0	7	3	0	7	6	0	7	9
4	0	8	8	0	9	0	0	9	4	4	0	9	8	0	10	0	0	10	4
5	0	10	10	0	11	3	0	11	8	5	1	0	1	1	0	6	1	0	11
6	1	1	0	1	1	6	1	2	0	6	1	2	6	1	3	0	1	3	6
7	1	3	2	1	3	9	1	4	4	7	1	4	11	1	5	6	1	6	1
8	1	5	4	1	6	0	1	6	8	8	1	7	4	1	8	0	1	8	8
9	1	7	6	1	8	3	1	9	0	9	1	9	9	1	10	6	1	11	3
10	1	9	8	1	10	6	1	11	4	10	2	0	2	2	1	0	2	1	10
11	1	11	10	2	0	9	2	1	8	11	2	2	7	2	3	6	2	4	5
12	2	2	0	2	3	0	2	4	0	12	2	5	0	2	6	0	2	7	0
13	2	4	2	2	5	3	2	6	4	13	2	7	5	2	8	6	2	9	7
14	2	6	4	2	7	6	2	8	8	14	2	9	10	2	11	0	3	0	2
15	2	8	6	2	9	9	2	11	0	15	3	0	3	3	1	6	3	2	9
16	2	10	8	3	0	0	3	1	4	16	3	2	8	3	4	0	3	5	4
17	3	0	10	3	2	3	3	3	8	17	3	5	1	3	6	6	3	7	11
18	3	3	0	3	4	6	3	6	0	18	3	7	6	3	9	0	3	10	6
19	3	5	2	3	6	9	3	8	4	19	3	9	11	3	11	6	4	1	1
20	3	7	4	3	9	0	3	10	8	20	4	0	4	4	2	0	4	3	8
21	3	9	6	3	11	3	4	1	0	21	4	2	9	4	4	6	4	6	3
22	3	11	8	4	1	6	4	3	4	22	4	5	2	4	7	0	4	8	10
23	4	1	10	4	3	9	4	5	8	23	4	7	7	4	9	6	4	11	5
24	4	4	0	4	6	0	4	8	0	24	4	10	0	5	0	0	5	2	0
25	4	6	2	4	8	3	4	10	4	25	5	0	5	5	2	6	5	4	7
26	4	8	4	4	10	6	5	0	8	26	5	2	10	5	5	0	5	7	2
27	4	10	6	5	0	9	5	3	0	27	5	5	3	5	7	6	5	9	9
28	5	0	8	5	3	0	5	5	4	28	5	7	8	5	10	0	6	0	4
29	5	2	10	5	5	3	5	7	8	29	5	10	1	6	0	6	6	2	11
30	5	5	0	5	7	6	5	10	0	30	6	0	6	6	3	0	6	5	6
31	5	7	2	5	9	9	6	0	4	31	6	2	11	6	5	6	6	8	1
32	5	9	4	6	0	0	6	2	8	32	6	5	4	6	8	0	6	10	8
33	5	11	6	6	2	3	6	5	0	33	6	7	9	6	10	6	7	1	3
34	6	1	8	6	4	6	6	7	4	34	6	10	2	7	1	0	7	3	10
35	6	3	10	6	6	9	6	9	8	35	7	0	7	7	3	6	7	6	5
50	9	0	4	9	4	6	9	8	8	50	10	0	10	10	5	0	10	9	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	2	2	0	2	3	0	2	4	1	0	2	5	0	2	6	0	2	7
2	0	4	4	0	4	6	0	4	8	2	0	4	10	0	5	0	0	5	2
3	0	6	6	0	6	9	0	7	0	3	0	7	3	0	7	6	0	7	9
4	0	8	8	0	9	0	0	9	4	4	0	9	8	0	10	0	0	10	4
5	0	10	10	0	11	3	0	11	8	5	1	0	1	1	0	6	1	0	11
6	1	1	0	1	1	6	1	2	0	6	1	2	6	1	3	0	1	3	6
7	1	3	2	1	3	9	1	4	4	7	1	4	11	1	5	6	1	6	1
8	1	5	4	1	6	0	1	6	8	8	1	7	4	1	8	0	1	8	8
9	1	7	6	1	8	3	1	9	0	9	1	9	9	1	10	6	1	11	3
10	1	9	8	1	10	6	1	11	4	10	2	0	2	2	1	0	2	1	10
11	1	11	10	2	0	9	2	1	8	11	2	2	7	2	3	6	2	4	5



Length.	Area 32			Area 33			Area 34			Length.	Area 35			Area 36			Area 37		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	2	8	0	2	9	0	2	10	1	0	2	11	0	3	0	0	3	1
2	0	5	4	0	5	6	0	5	8	2	0	5	10	0	6	0	0	6	2
3	0	8	0	0	8	3	0	8	6	3	0	8	9	0	9	0	0	9	3
4	0	10	8	0	11	0	0	11	4	4	0	11	8	1	0	0	1	0	4
5	1	1	4	1	1	9	1	2	2	5	1	2	7	1	3	0	1	3	5
6	1	4	0	1	4	6	1	5	0	6	1	5	6	1	6	0	1	6	6
7	1	6	8	1	7	3	1	7	10	7	1	8	5	1	9	0	1	9	7
8	1	9	4	1	10	0	1	10	8	8	1	11	4	2	0	0	2	0	8
9	2	0	0	2	0	9	2	1	6	9	2	2	3	2	3	0	2	3	9
10	2	2	8	2	3	6	2	4	4	10	2	5	2	2	6	0	2	6	10
11	2	5	4	2	6	3	2	7	2	11	2	8	1	2	9	0	2	9	11
12	2	8	0	2	9	0	2	10	0	12	2	11	0	3	0	0	3	1	0
13	2	10	8	2	11	9	3	0	10	13	3	1	11	3	3	0	3	4	1
14	3	1	4	3	2	6	3	3	8	14	3	4	10	3	6	0	3	7	2
15	3	4	0	3	5	3	3	6	6	15	3	7	9	3	9	0	3	10	3
16	3	6	8	3	8	0	3	9	4	16	3	10	8	4	0	0	4	1	4
17	3	9	4	3	10	9	4	0	2	17	4	1	7	4	3	0	4	4	5
18	4	0	0	4	1	6	4	3	0	18	4	4	6	4	6	0	4	7	6
19	4	2	8	4	4	3	4	5	10	19	4	7	5	4	9	0	4	10	7
20	4	5	4	4	7	0	4	8	8	20	4	10	4	5	0	0	5	1	8
21	4	8	0	4	9	9	4	11	6	21	5	1	3	5	3	0	5	4	9
22	4	10	8	5	0	6	5	2	4	22	5	4	2	5	6	0	5	7	10
23	5	1	4	5	3	3	5	5	2	23	5	7	1	5	9	0	5	10	11
24	5	4	0	5	6	0	5	8	0	24	5	10	0	6	0	0	6	2	0
25	5	6	8	5	8	9	5	10	10	25	6	0	11	6	3	0	6	5	1
26	5	9	4	5	11	6	6	1	8	26	6	3	10	6	6	0	6	8	2
27	6	0	0	6	2	3	6	4	6	27	6	6	9	6	9	0	6	11	3
28	6	2	8	6	5	0	6	7	4	28	6	9	8	7	0	0	7	2	4
29	6	5	4	6	7	9	6	10	2	29	7	0	7	7	3	0	7	5	5
30	6	8	0	6	10	6	7	1	0	30	7	3	6	7	6	0	7	8	6
31	6	10	8	7	1	3	7	3	10	31	7	6	5	7	9	0	7	11	7
32	7	1	4	7	4	0	7	6	8	32	7	9	4	8	0	0	8	2	8
33	7	4	0	7	6	9	7	9	6	33	8	0	3	8	3	0	8	5	9
34	7	6	8	7	9	6	8	0	4	34	8	3	2	8	6	0	8	8	10
35	7	9	4	8	0	3	8	3	2	35	8	6	1	8	9	0	8	11	11
50	11	1	4	11	5	6	11	9	8	50	12	1	10	12	6	0	12	10	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	2	8	0	2	9	0	2	10	1	0	2	11	0	3	0	0	3	1
2	0	5	4	0	5	6	0	5	8	2	0	5	10	0	6	0	0	6	2
3	0	8	0	0	8	3	0	8	6	3	0	8	9	0	9	0	0	9	3
4	0	10	8	0	11	0	0	11	4	4	0	11	8	1	0	0	1	0	4
5	1	1	4	1	1	9	1	2	2	5	1	2	7	1	3	0	1	3	5
6	1	4	0	1	4	6	1	5	0	6	1	5	6	1	6	0	1	6	6
7	1	6	8	1	7	3	1	7	10	7	1	8	5	1	9	0	1	9	7
8	1	9	4	1	10	0	1	10	8	8	1	11	4	2	0	0	2	0	8
9	2	0	0	2	0	9	2	1	6	9	2	2	3	2	3	0	2	3	9
10	2	2	8	2	3	6	2	4	4	10	2	5	2	2	6	0	2	6	10
11	2	5	4	2	6	3	2	7	2	11	2	8	1	2	9	0	2	9	11

Length.	Area 38	Area 39	Area 40	Length.	Area 41	Area 42	Area 43
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 3 2	0 3 3	0 3 4	1	0 3 5	0 3 6	0 3 7
2	0 6 4	0 6 6	0 6 8	2	0 6 10	0 7 0	0 7 2
3	0 9 6	0 9 9	0 10 0	3	0 10 3	0 10 6	0 10 9
4	1 0 8	1 1 0	1 1 4	4	1 1 8	1 2 0	1 2 4
5	1 3 10	1 4 3	1 4 8	5	1 5 1	1 5 6	1 5 11
6	1 7 0	1 7 6	1 8 0	6	1 8 6	1 9 0	1 9 6
7	1 10 2	1 10 9	1 11 4	7	1 11 11	2 0 6	2 1 1
8	2 1 4	2 2 0	2 2 8	8	2 3 4	2 4 0	2 4 8
9	2 4 6	2 5 3	2 6 0	9	2 6 9	2 7 6	2 8 3
10	2 7 8	2 8 6	2 9 4	10	2 10 2	2 11 0	2 11 10
11	2 10 10	2 11 9	3 0 8	11	3 1 7	3 2 6	3 3 5
12	3 2 0	3 3 0	3 4 0	12	3 5 0	3 6 0	3 7 0
13	3 5 2	3 6 3	3 7 4	13	3 8 5	3 9 6	3 10 7
14	3 8 4	3 9 6	3 10 8	14	3 11 10	4 1 0	4 2 2
15	3 11 6	4 0 9	4 2 0	15	4 3 3	4 4 6	4 5 9
16	4 2 8	4 4 0	4 5 4	16	4 6 8	4 8 0	4 9 4
17	4 5 10	4 7 3	4 8 8	17	4 10 1	4 11 6	5 0 11
18	4 9 0	4 10 6	5 0 0	18	5 1 6	5 3 0	5 4 6
19	5 0 2	5 1 9	5 3 4	19	5 4 11	5 6 6	5 8 1
20	5 3 4	5 5 0	5 6 8	20	5 8 4	5 10 0	5 11 8
21	5 6 6	5 8 3	5 10 0	21	5 11 9	6 1 6	6 3 3
22	5 9 8	5 11 6	6 1 4	22	6 3 2	6 5 0	6 6 10
23	6 0 10	6 2 9	6 4 8	23	6 6 7	6 8 6	6 10 5
24	6 4 0	6 6 0	6 8 0	24	6 10 0	7 0 0	7 2 0
25	6 7 2	6 9 3	6 11 4	25	7 1 5	7 3 6	7 5 7
26	6 10 4	7 0 6	7 2 8	26	7 4 10	7 7 0	7 9 2
27	7 1 6	7 3 9	7 6 0	27	7 8 3	7 10 6	8 0 9
28	7 4 8	7 7 0	7 9 4	28	7 11 8	8 2 0	8 4 4
29	7 7 10	7 10 3	8 0 8	29	8 3 1	8 5 6	8 7 11
30	7 11 0	8 1 6	8 4 0	30	8 6 6	8 9 0	8 11 6
31	8 2 2	8 4 9	8 7 4	31	8 9 11	9 0 6	9 3 1
32	8 5 4	8 8 0	8 10 8	32	9 1 4	9 4 0	9 6 8
33	8 8 6	8 11 3	9 2 0	33	9 4 9	9 7 6	9 10 3
34	8 11 8	9 2 6	9 5 4	34	9 8 2	9 11 0	10 1 10
35	9 2 10	9 5 9	9 8 8	35	9 11 7	10 2 6	10 5 5
50	13 2 4	13 6 6	13 10 8	50	14 2 10	14 7 0	14 11 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 3 2	0 3 3	0 3 4	1	0 3 5	0 3 6	0 3 7
2	0 6 4	0 6 6	0 6 8	2	0 6 10	0 7 0	0 7 2
3	0 9 6	0 9 9	0 10 0	3	0 10 3	0 10 6	0 10 9
4	1 0 8	1 1 0	1 1 4	4	1 1 8	1 2 0	1 2 4
5	1 3 10	1 4 3	1 4 8	5	1 5 1	1 5 6	1 5 11
6	1 7 0	1 7 6	1 8 0	6	1 8 6	1 9 0	1 9 6
7	1 10 2	1 10 9	1 11 4	7	1 11 11	2 0 6	2 1 1
8	2 1 4	2 2 0	2 2 8	8	2 3 4	2 4 0	2 4 8
9	2 4 6	2 5 3	2 6 0	9	2 6 9	2 7 6	2 8 3
10	2 7 8	2 8 6	2 9 4	10	2 10 2	2 11 0	2 11 10
11	2 10 10	2 11 9	3 0 8	11	3 1 7	3 2 6	3 3 5

Length.	Area 44	Area 45	Area 46	Length.	Area 47	Area 48	Area 49
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 3 8	0 3 9	0 3 10	1	0 3 11	0 4 0	0 4 1
2	0 7 4	0 7 6	0 7 8	2	0 7 10	0 8 0	0 8 2
3	0 11 0	0 11 3	0 11 6	3	0 11 9	1 0 0	1 0 3
4	1 2 8	1 3 0	1 3 4	4	1 3 8	1 4 0	1 4 4
5	1 6 4	1 6 9	1 7 2	5	1 7 7	1 8 0	1 8 5
6	1 10 0	1 10 6	1 11 0	6	1 11 6	2 0 0	2 0 6
7	2 1 8	2 2 3	2 2 10	7	2 3 5	2 4 0	2 4 7
8	2 5 4	2 6 0	2 6 8	8	2 7 4	2 8 0	2 8 8
9	2 9 0	2 9 9	2 10 6	9	2 11 3	3 0 0	3 0 9
10	3 0 8	3 1 6	3 2 4	10	3 3 2	3 4 0	3 4 10
11	3 4 4	3 5 3	3 6 2	11	3 7 1	3 8 0	3 8 11
12	3 8 0	3 9 0	3 10 0	12	3 11 0	4 0 0	4 1 0
13	3 11 8	4 0 9	4 1 10	13	4 2 11	4 4 0	4 5 1
14	4 3 4	4 4 6	4 5 8	14	4 6 10	4 8 0	4 9 2
15	4 7 0	4 8 3	4 9 6	15	4 10 9	5 0 0	5 1 3
16	4 10 8	5 0 0	5 1 4	16	5 2 8	5 4 0	5 5 4
17	5 2 4	5 3 9	5 5 2	17	5 6 7	5 8 0	5 9 5
18	5 6 0	5 7 6	5 9 0	18	5 10 6	6 0 0	6 1 6
19	5 9 8	5 11 3	6 0 10	19	6 2 5	6 4 0	6 5 7
20	6 1 4	6 3 0	6 4 8	20	6 6 4	6 8 0	6 9 8
21	6 5 0	6 6 9	6 8 6	21	6 10 3	7 0 0	7 1 9
22	6 8 8	6 10 6	7 0 4	22	7 2 2	7 4 0	7 5 10
23	7 0 4	7 2 3	7 4 2	23	7 6 1	7 8 0	7 9 11
24	7 4 0	7 6 0	7 8 0	24	7 10 0	8 0 0	8 2 0
25	7 7 8	7 9 9	7 11 10	25	8 1 11	8 4 0	8 6 1
26	7 11 4	8 1 6	8 3 8	26	8 5 10	8 8 0	8 10 2
27	8 3 0	8 5 3	8 7 6	27	8 9 9	9 0 0	9 2 3
28	8 6 8	8 9 0	8 11 4	28	9 1 8	9 4 0	9 6 4
29	8 10 4	9 0 9	9 3 2	29	9 5 7	9 8 0	9 10 5
30	9 2 0	9 4 6	9 7 0	30	9 9 6	10 0 0	10 2 6
31	9 5 8	9 8 3	9 10 10	31	10 1 5	10 4 0	10 6 7
32	9 9 4	10 0 0	10 2 8	32	10 5 4	10 8 0	10 10 8
33	10 1 0	10 3 9	10 6 6	33	10 9 3	11 0 0	11 2 9
34	10 4 8	10 7 6	10 10 4	34	11 1 2	11 4 0	11 6 10
35	10 8 4	10 11 3	11 2 2	35	11 5 1	11 8 0	11 10 11
50	15 3 4	15 7 6	15 11 8	50	16 3 10	16 8 0	17 0 2
In.	I. P. s.	I. P. s.	I. P. s.	In.	I. P. s.	I. P. s.	I. P. s.
1	0 3 8	0 3 9	0 3 10	1	0 3 11	0 4 0	0 4 1
2	0 7 4	0 7 6	0 7 8	2	0 7 10	0 8 0	0 8 2
3	0 11 0	0 11 3	0 11 6	3	0 11 9	1 0 0	1 0 3
4	1 2 8	1 3 0	1 3 4	4	1 3 8	1 4 0	1 4 4
5	1 6 4	1 6 9	1 7 2	5	1 7 7	1 8 0	1 8 5
6	1 10 0	1 10 6	1 11 0	6	1 11 6	2 0 0	2 0 6
7	2 1 8	2 2 3	2 2 10	7	2 3 5	2 4 0	2 4 7
8	2 5 4	2 6 0	2 6 8	8	2 7 4	2 8 0	2 8 8
9	2 9 0	2 9 9	2 10 6	9	2 11 3	3 0 0	3 0 9
10	3 0 8	3 1 6	3 2 4	10	3 3 2	3 4 0	3 4 10
11	3 4 4	3 5 3	3 6 2	11	3 7 1	3 8 0	3 8 11

Length.	Area 50			Area 51			Area 52			Length.	Area 53			Area 54			Area 55		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	4	2	0	4	3	0	4	4	1	0	4	5	0	4	6	0	4	7
2	0	8	4	0	8	6	0	8	8	2	0	8	10	0	9	0	0	9	2
3	1	0	6	1	0	9	1	1	0	3	1	1	3	1	1	6	1	1	9
4	1	4	8	1	5	0	1	5	4	4	1	5	8	1	6	0	1	6	4
5	1	8	10	1	9	3	1	9	8	5	1	10	1	1	10	6	1	10	11
6	2	1	0	2	1	6	2	2	0	6	2	2	6	2	3	0	2	3	6
7	2	5	2	2	5	9	2	6	4	7	2	6	11	2	7	6	2	8	1
8	2	9	4	2	10	0	2	10	8	8	2	11	4	3	0	0	3	0	8
9	3	1	6	3	2	3	3	3	0	9	3	3	9	3	4	6	3	5	3
10	3	5	8	3	6	6	3	7	4	10	3	8	2	3	9	0	3	9	10
11	3	9	10	3	10	9	3	11	8	11	4	0	7	4	1	6	4	2	5
12	4	2	0	4	3	0	4	4	0	12	4	5	0	4	6	0	4	7	0
13	4	6	2	4	7	3	4	8	4	13	4	9	5	4	10	6	4	11	7
14	4	10	4	4	11	6	5	0	8	14	5	1	10	5	3	0	5	4	2
15	5	2	6	5	3	9	5	5	0	15	5	6	3	5	7	6	5	8	9
16	5	6	8	5	8	0	5	9	4	16	5	10	8	6	0	0	6	1	4
17	5	10	10	6	0	3	6	1	8	17	6	3	1	6	4	6	6	5	11
18	6	3	0	6	4	6	6	6	0	18	6	7	6	6	9	0	6	10	6
19	6	7	2	6	8	9	6	10	4	19	6	11	11	7	1	6	7	3	1
20	6	11	4	7	1	0	7	2	8	20	7	4	4	7	6	0	7	7	8
21	7	3	6	7	5	3	7	7	0	21	7	8	9	7	10	6	8	0	3
22	7	7	8	7	9	6	7	11	4	22	8	1	2	8	3	0	8	4	10
23	7	11	10	8	1	9	8	3	8	23	8	5	7	8	7	6	8	9	5
24	8	4	0	8	6	0	8	8	0	24	8	10	0	9	0	0	9	2	0
25	8	8	2	8	10	3	9	0	4	25	9	2	5	9	4	6	9	6	7
26	9	0	4	9	2	6	9	4	8	26	9	6	10	9	9	0	9	11	2
27	9	4	6	9	6	9	9	9	0	27	9	11	3	10	1	6	10	3	9
28	9	8	8	9	11	0	10	1	4	28	10	3	8	10	6	0	10	8	4
29	10	0	10	10	3	3	10	5	8	29	10	8	1	10	10	6	11	0	11
30	10	5	0	10	7	6	10	10	0	30	11	0	6	11	3	0	11	5	6
31	10	9	2	10	11	9	11	2	4	31	11	4	11	11	7	6	11	10	1
32	11	1	4	11	4	0	11	6	8	32	11	9	4	12	0	0	12	2	8
33	11	5	6	11	8	3	11	11	0	33	12	1	9	12	4	6	12	7	3
34	11	9	8	12	0	6	12	3	4	34	12	6	2	12	9	0	12	11	10
35	12	1	10	12	4	9	12	7	8	35	12	10	7	13	1	6	13	4	5
50	17	4	4	17	8	6	18	0	8	50	18	4	10	18	9	0	19	1	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	4	2	0	4	3	0	4	4	1	0	4	5	0	4	6	0	4	7
2	0	8	4	0	8	6	0	8	8	2	0	8	10	0	9	0	0	9	2
3	1	0	6	1	0	9	1	1	0	3	1	1	3	1	1	6	1	1	9
4	1	4	8	1	5	0	1	5	4	4	1	5	8	1	6	0	1	6	4
5	1	8	10	1	9	3	1	9	8	5	1	10	1	1	10	6	1	10	11
6	2	1	0	2	1	6	2	2	0	6	2	2	6	2	3	0	2	3	6
7	2	5	2	2	5	9	2	6	4	7	2	6	11	2	7	6	2	8	1
8	2	9	4	2	10	0	2	10	8	8	2	11	4	3	0	0	3	0	8
9	3	1	6	3	2	3	3	3	0	9	3	3	9	3	4	6	3	5	3
10	3	5	8	3	6	6	3	7	4	10	3	8	2	3	9	0	3	9	10
11	3	9	10	3	10	9	3	11	8	11	4	0	7	4	1	6	4	2	5



Length.	Area 56	Area 57	Area 58	Length.	Area 59	Area 60	Area 61
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 4 8	0 4 9	0 4 10	1	0 4 11	0 5 0	0 5 1
2	0 9 4	0 9 6	0 9 8	2	0 9 10	0 10 0	0 10 2
3	1 2 0	1 2 3	1 2 6	3	1 2 9	1 3 0	1 3 3
4	1 6 8	1 7 0	1 7 4	4	1 7 8	1 8 0	1 8 4
5	1 11 4	1 11 9	2 0 2	5	2 0 7	2 1 0	2 1 5
6	2 4 0	2 4 6	2 5 0	6	2 5 6	2 6 0	2 6 6
7	2 8 8	2 9 3	2 9 10	7	2 10 5	2 11 0	2 11 7
8	3 1 4	3 2 0	3 2 8	8	3 3 4	3 4 0	3 4 8
9	3 6 0	3 6 9	3 7 6	9	3 8 3	3 9 0	3 9 9
10	3 10 8	3 11 6	4 0 4	10	4 1 2	4 2 0	4 2 10
11	4 3 4	4 4 3	4 5 2	11	4 6 1	4 7 0	4 7 11
12	4 8 0	4 9 0	4 10 0	12	4 11 0	5 0 0	5 1 0
13	5 0 8	5 1 9	5 2 10	13	5 3 11	5 5 0	5 6 1
14	5 5 4	5 6 6	5 7 8	14	5 8 10	5 10 0	5 11 2
15	5 10 0	5 11 3	6 0 6	15	6 1 9	6 3 0	6 4 3
16	6 2 8	6 4 0	6 5 4	16	6 6 8	6 8 0	6 9 4
17	6 7 4	6 8 9	6 10 2	17	6 11 7	7 1 0	7 2 5
18	7 0 0	7 1 6	7 3 0	18	7 4 6	7 6 0	7 7 6
19	7 4 8	7 6 3	7 7 10	19	7 9 5	7 11 0	8 0 7
20	7 9 4	7 11 0	8 0 8	20	8 2 4	8 4 0	8 5 8
21	8 2 0	8 3 9	8 5 6	21	8 7 3	8 9 0	8 10 9
22	8 6 8	8 8 6	8 10 4	22	9 0 2	9 2 0	9 3 10
23	8 11 4	9 1 3	9 3 2	23	9 5 1	9 7 0	9 8 11
24	9 4 0	9 6 0	9 8 0	24	9 10 0	10 0 0	10 2 0
25	9 8 8	9 10 9	10 0 10	25	10 2 11	10 5 0	10 7 1
26	10 1 4	10 3 6	10 5 8	26	10 7 10	10 10 0	11 0 2
27	10 6 0	10 8 3	10 10 6	27	11 0 9	11 3 0	11 5 3
28	10 10 8	11 1 0	11 3 4	28	11 5 8	11 8 0	11 10 4
29	11 3 4	11 5 9	11 8 2	29	11 10 7	12 1 0	12 3 5
30	11 8 0	11 10 6	12 1 0	30	12 3 6	12 6 0	12 8 6
31	12 0 8	12 3 3	12 5 10	31	12 8 5	12 11 0	13 1 7
32	12 5 4	12 8 0	12 10 8	32	13 1 4	13 4 0	13 6 8
33	12 10 0	13 0 9	13 3 6	33	13 6 3	13 9 0	13 11 9
34	13 2 8	13 5 6	13 8 4	34	13 11 2	14 2 0	14 4 10
35	13 7 4	13 10 3	14 1 2	35	14 4 1	14 7 0	14 9 11
50	19 5 4	19 9 6	20 1 8	50	20 5 10	20 10 0	21 2 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 4 8	0 4 9	0 4 10	1	0 4 11	0 5 0	0 5 1
2	0 9 4	0 9 6	0 9 8	2	0 9 10	0 10 0	0 10 2
3	1 2 0	1 2 3	1 2 6	3	1 2 9	1 3 0	1 3 3
4	1 6 8	1 7 0	1 7 4	4	1 7 8	1 8 0	1 8 4
5	1 11 4	1 11 9	2 0 2	5	2 0 7	2 1 0	2 1 5
6	2 4 0	2 4 6	2 5 0	6	2 5 6	2 6 0	2 6 6
7	2 8 8	2 9 3	2 9 10	7	2 10 5	2 11 0	2 11 7
8	3 1 4	3 2 0	3 2 8	8	3 3 4	3 4 0	3 4 8
9	3 6 0	3 6 9	3 7 6	9	3 8 3	3 9 0	3 9 9
10	3 10 8	3 11 6	4 0 4	10	4 1 2	4 2 0	4 2 10
11	4 3 4	4 4 3	4 5 2	11	4 6 1	4 7 0	4 7 11



Length.	Area 62	Area 63	Area 64	Length.	Area 65	Area 66	Area 67
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 5 2	0 5 3	0 5 4	1	0 5 5	0 5 6	0 5 7
2	0 10 4	0 10 6	0 10 8	2	0 10 10	0 11 0	0 11 2
3	1 3 6	1 3 9	1 4 0	3	1 4 3	1 4 6	1 4 9
4	1 8 8	1 9 0	1 9 4	4	1 9 8	1 10 0	1 10 4
5	2 1 10	2 2 3	2 2 8	5	2 3 1	2 3 6	2 3 11
6	2 7 0	2 7 6	2 8 0	6	2 8 6	2 9 0	2 9 6
7	3 0 2	3 0 9	3 1 4	7	3 1 11	3 2 6	3 3 1
8	3 5 4	3 6 0	3 6 8	8	3 7 4	3 8 0	3 8 8
9	3 10 6	3 11 3	4 0 0	9	4 0 9	4 1 6	4 2 3
10	4 3 8	4 4 6	4 5 4	10	4 6 2	4 7 0	4 7 10
11	4 8 10	4 9 9	4 10 8	11	4 11 7	5 0 6	5 1 5
12	5 2 0	5 3 0	5 4 0	12	5 5 0	5 6 0	5 7 0
13	5 7 2	5 8 3	5 9 4	13	5 10 5	5 11 6	6 0 7
14	6 0 4	6 1 6	6 2 8	14	6 3 10	6 5 0	6 6 2
15	6 5 6	6 6 9	6 8 0	15	6 9 3	6 10 6	6 11 9
16	6 10 8	7 0 0	7 1 4	16	7 2 8	7 4 0	7 5 4
17	7 3 10	7 5 3	7 6 8	17	7 8 1	7 9 6	7 10 11
18	7 9 0	7 10 6	8 0 0	18	8 1 6	8 3 0	8 4 6
19	8 2 2	8 3 9	8 5 4	19	8 6 11	8 8 6	8 10 1
20	8 7 4	8 9 0	8 10 8	20	9 0 4	9 2 0	9 3 8
21	9 0 6	9 2 3	9 4 0	21	9 5 9	9 7 6	9 9 3
22	9 5 8	9 7 6	9 9 4	22	9 11 2	10 1 0	10 2 10
23	9 10 10	10 0 9	10 2 8	23	10 4 7	10 6 6	10 8 5
24	10 4 0	10 6 0	10 8 0	24	10 10 0	11 0 0	11 2 0
25	10 9 2	10 11 3	11 1 4	25	11 3 5	11 5 6	11 7 7
26	11 2 4	11 4 6	11 6 8	26	11 8 10	11 11 0	12 1 2
27	11 7 6	11 9 9	12 0 0	27	12 2 3	12 4 6	12 6 9
28	12 0 8	12 3 0	12 5 4	28	12 7 8	12 10 0	13 0 4
29	12 5 10	12 8 3	12 10 8	29	13 1 1	13 3 6	13 5 11
30	12 11 0	13 1 6	13 4 0	30	13 6 6	13 9 0	13 11 6
31	13 4 2	13 6 9	13 9 4	31	13 11 11	14 2 6	14 5 1
32	13 9 4	14 0 0	14 2 8	32	14 5 4	14 8 0	14 10 8
33	14 2 6	14 5 3	14 8 0	33	14 10 9	15 1 6	15 4 3
34	14 7 8	14 10 6	15 1 4	34	15 4 2	15 7 0	15 9 10
35	15 0 10	15 3 9	15 6 8	35	15 9 7	16 0 6	16 3 5
50	21 6 4	21 10 6	22 2 8	50	22 6 10	22 11 0	23 3 2
In.	I. P. s.	I. P. s.	I. P. s.	In.	I. P. s.	I. P. s.	I. P. s.
1	0 5 2	0 5 3	0 5 4	1	0 5 5	0 5 6	0 5 7
2	0 10 4	0 10 6	0 10 8	2	0 10 10	0 11 0	0 11 2
3	1 3 6	1 3 9	1 4 0	3	1 4 3	1 4 6	1 4 9
4	1 8 8	1 9 0	1 9 4	4	1 9 8	1 10 0	1 10 4
5	2 1 10	2 2 3	2 2 8	5	2 3 1	2 3 6	2 3 11
6	2 7 0	2 7 6	2 8 0	6	2 8 6	2 9 0	2 9 6
7	3 0 2	3 0 9	3 1 4	7	3 1 11	3 2 6	3 3 1
8	3 5 4	3 6 0	3 6 8	8	3 7 4	3 8 0	3 8 8
9	3 10 6	3 11 3	4 0 0	9	4 0 9	4 1 6	4 2 3
10	4 3 8	4 4 6	4 5 4	10	4 6 2	4 7 0	4 7 10
11	4 8 10	4 9 9	4 10 8	11	4 11 7	5 0 6	5 1 5

Length.	Area 68			Area 69			Area 70			Length.	Area 71			Area 72			Area 73		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	5	8	0	5	9	0	5	10	1	0	5	11	0	6	0	0	6	1
2	0	11	4	0	11	6	0	11	8	2	0	11	10	1	0	0	1	0	2
3	1	5	0	1	5	3	1	5	6	3	1	5	9	1	6	0	1	6	3
4	1	10	8	1	11	0	1	11	4	4	1	11	8	2	0	0	2	0	4
5	2	4	4	2	4	9	2	5	2	5	2	5	7	2	6	0	2	6	5
6	2	10	0	2	10	6	2	11	0	6	2	11	6	3	0	0	3	0	6
7	3	3	8	3	4	3	3	4	10	7	3	5	5	3	6	0	3	6	7
8	3	9	4	3	10	0	3	10	8	8	3	11	4	4	0	0	4	0	8
9	4	3	0	4	3	9	4	4	6	9	4	5	3	4	6	0	4	6	9
10	4	8	8	4	9	6	4	10	4	10	4	11	2	5	0	0	5	0	10
11	5	2	4	5	3	3	5	4	2	11	5	5	1	5	6	0	5	6	11
12	5	8	0	5	9	0	5	10	0	12	5	11	0	6	0	0	6	1	0
13	6	1	8	6	2	9	6	3	10	13	6	4	11	6	6	0	6	7	1
14	6	7	4	6	8	6	6	9	8	14	6	10	10	7	0	0	7	1	2
15	7	1	0	7	2	3	7	3	6	15	7	4	9	7	6	0	7	7	3
16	7	6	8	7	3	0	7	9	4	16	7	10	8	8	0	0	8	1	4
17	8	0	4	8	1	9	8	3	2	17	8	4	7	8	6	0	8	7	5
18	8	6	0	8	7	6	8	9	0	18	8	10	6	9	0	0	9	1	6
19	8	11	8	9	1	3	9	2	10	19	9	4	5	9	6	0	9	7	7
20	9	5	4	9	7	0	9	8	8	20	9	10	4	10	0	0	10	1	8
21	9	11	0	10	0	9	10	2	6	21	10	4	3	10	6	0	10	7	9
22	10	4	8	10	6	6	10	8	4	22	10	10	2	11	0	0	11	1	10
23	10	10	4	11	0	3	11	2	2	23	11	4	1	11	6	0	11	7	11
24	11	4	0	11	6	0	11	8	0	24	11	10	0	12	0	0	12	2	0
25	11	9	8	11	11	9	12	1	10	25	12	3	11	12	6	0	12	8	1
26	12	3	4	12	5	6	12	7	8	26	12	9	10	13	0	0	13	2	2
27	12	9	0	12	11	3	13	1	6	27	13	3	9	13	6	0	13	8	3
28	13	2	8	13	5	0	13	7	4	28	13	9	8	14	0	0	14	2	4
29	13	8	4	13	10	9	14	1	2	29	14	3	7	14	6	0	14	3	5
30	14	2	0	14	4	6	14	7	0	30	14	9	6	15	0	0	15	2	6
31	14	7	8	14	10	3	15	0	10	31	15	3	5	15	6	0	15	8	7
32	15	1	4	15	4	0	15	6	8	32	15	9	4	16	0	0	16	2	8
33	15	7	0	15	9	9	16	0	6	33	16	3	3	16	6	0	16	8	9
34	16	0	8	16	3	6	16	6	4	34	16	9	2	17	0	0	17	2	10
35	16	6	4	16	9	3	17	0	2	35	17	3	1	17	6	0	17	8	11
50	23	7	4	23	11	6	24	3	8	50	24	7	10	25	0	0	25	4	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	5	8	0	5	9	0	5	10	1	0	5	11	0	6	0	0	6	1
2	0	11	4	0	11	6	0	11	8	2	0	11	10	1	0	0	1	0	2
3	1	5	0	1	5	3	1	5	6	3	1	5	9	1	6	0	1	6	3
4	1	10	8	1	11	0	1	11	4	4	1	11	8	2	0	0	2	0	4
5	2	4	4	2	4	9	2	5	2	5	2	5	7	2	6	0	2	6	5
6	2	10	0	2	10	6	2	11	0	6	2	11	6	3	0	0	3	0	6
7	3	3	8	3	4	3	3	4	10	7	3	5	5	3	6	0	3	6	7
8	3	9	4	3	10	0	3	10	8	8	3	11	4	4	0	0	4	0	8
9	4	3	0	4	3	9	4	4	6	9	4	5	3	4	6	0	4	6	9
10	4	8	8	4	9	6	4	10	4	10	4	11	2	5	0	0	5	0	10
11	5	2	4	5	3	3	5	4	2	11	5	5	1	5	6	0	5	6	11

Length. Feet.	Area 74 F. I. P.	Area 75 F. I. P.	Area 76 F. I. P.	Length. Feet.	Area 77 F. I. P.	Area 78 F. I. P.	Area 79 F. I. P.
1	0 6 2	0 6 3	0 6 4	1	0 6 5	0 6 6	0 6 7
2	1 0 4	1 0 6	1 0 8	2	1 0 10	1 1 0	1 1 2
3	1 6 6	1 6 9	1 7 0	3	1 7 3	1 7 6	1 7 9
4	2 0 8	2 1 0	2 1 4	4	2 1 8	2 2 0	2 2 4
5	2 6 10	2 7 3	2 7 8	5	2 8 1	2 8 6	2 8 11
6	3 1 0	3 1 6	3 2 0	6	3 2 6	3 3 0	3 3 6
7	3 7 2	3 7 9	3 8 4	7	3 8 11	3 9 6	3 10 1
8	4 1 4	4 2 0	4 2 8	8	4 3 4	4 4 0	4 4 8
9	4 7 6	4 8 3	4 9 0	9	4 9 9	4 10 6	4 11 3
10	5 1 8	5 2 6	5 3 4	10	5 4 2	5 5 0	5 5 10
11	5 7 10	5 8 9	5 9 8	11	5 10 7	5 11 6	6 0 5
12	6 2 0	6 3 0	6 4 0	12	6 5 0	6 6 0	6 7 0
13	6 8 2	6 9 3	6 10 4	13	6 11 5	7 0 6	7 1 7
14	7 2 4	7 3 6	7 4 8	14	7 5 10	7 7 0	7 8 2
15	7 8 6	7 9 9	7 11 0	15	8 0 3	8 1 6	8 2 9
16	8 2 8	8 4 0	8 5 4	16	8 6 8	8 8 0	8 9 4
17	8 8 10	8 10 3	8 11 8	17	9 1 1	9 2 6	9 3 11
18	9 3 0	9 4 6	9 6 0	18	9 7 6	9 9 0	9 10 6
19	9 9 2	9 10 9	10 0 4	19	10 1 11	10 3 6	10 5 1
20	10 3 4	10 5 0	10 6 8	20	10 8 4	10 10 0	10 11 8
21	10 9 6	10 11 3	11 1 0	21	11 2 9	11 4 6	11 6 3
22	11 3 8	11 5 6	11 7 4	22	11 9 2	11 11 0	12 0 10
23	11 9 10	11 11 9	12 1 8	23	12 3 7	12 5 6	12 7 5
24	12 4 0	12 6 0	12 8 0	24	12 10 0	13 0 0	13 2 0
25	12 10 2	13 0 3	13 2 4	25	13 4 5	13 6 6	13 8 7
26	13 4 4	13 6 6	13 8 8	26	13 10 10	14 1 0	14 3 2
27	13 10 6	14 0 9	14 3 0	27	14 5 3	14 7 6	14 9 9
28	14 4 8	14 7 0	14 9 4	28	14 11 8	15 2 0	15 4 4
29	14 10 10	15 1 3	15 3 8	29	15 6 1	15 8 6	15 10 11
30	15 5 0	15 7 6	15 10 0	30	16 0 6	16 3 0	16 5 6
31	15 11 2	16 1 9	16 4 4	31	16 6 11	16 9 6	17 0 1
32	16 5 4	16 8 0	16 10 8	32	17 1 4	17 4 0	17 6 8
33	16 11 6	17 2 3	17 5 0	33	17 7 9	17 10 6	18 1 3
34	17 5 8	17 8 6	17 11 4	34	18 2 2	18 5 0	18 7 10
35	17 11 10	18 2 9	18 5 8	35	18 8 7	18 11 6	19 2 5
50	25 8 4	26 0 6	26 4 8	50	26 8 10	27 1 0	27 5 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 6 2	0 6 3	0 6 4	1	0 6 5	0 6 6	0 6 7
2	1 0 4	1 0 6	1 0 8	2	1 0 10	1 1 0	1 1 2
3	1 6 6	1 6 9	1 7 0	3	1 7 3	1 7 6	1 7 9
4	2 0 8	2 1 0	2 1 4	4	2 1 8	2 2 0	2 2 4
5	2 6 10	2 7 3	2 7 8	5	2 8 1	2 8 6	2 8 11
6	3 1 0	3 1 6	3 2 0	6	3 2 6	3 3 0	3 3 6
7	3 7 2	3 7 9	3 8 4	7	3 8 11	3 9 6	3 10 1
8	4 1 4	4 2 0	4 2 8	8	4 3 4	4 4 0	4 4 8
9	4 7 6	4 8 3	4 9 0	9	4 9 9	4 10 6	4 11 3
10	5 1 8	5 2 6	5 3 4	10	5 4 2	5 5 0	5 5 10
11	5 7 10	5 8 9	5 9 8	11	5 10 7	5 11 6	6 0 5

Length. Feet.	Area 80			Area 81			Area 82			Length. Feet.	Area 83			Area 84			Area 85		
	F.	I.	P.	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	6	8	0	6	9	0	6	10	1	0	6	11	0	7	0	0	7	1
2	1	1	4	1	1	6	1	1	8	2	1	1	10	1	2	0	1	2	2
3	1	8	0	1	8	3	1	8	6	3	1	8	9	1	9	0	1	9	3
4	2	2	8	2	3	0	2	3	4	4	2	3	8	2	4	0	2	4	4
5	2	9	4	2	9	9	2	10	2	5	2	10	7	2	11	0	2	11	5
6	3	4	0	3	4	6	3	5	0	6	3	5	6	3	6	0	3	6	6
7	3	10	8	3	11	3	3	11	10	7	4	0	5	4	1	0	4	1	7
8	4	5	4	4	6	0	4	6	8	8	4	7	4	4	8	0	4	8	8
9	5	0	0	5	0	9	5	1	6	9	5	2	3	5	3	0	5	3	9
10	5	6	8	5	7	6	5	8	4	10	5	9	2	5	10	0	5	10	10
11	6	1	4	6	2	3	6	3	2	11	6	4	1	6	5	0	6	5	11
12	6	8	0	6	9	0	6	10	0	12	6	11	0	7	0	0	7	1	0
13	7	2	8	7	3	9	7	4	10	13	7	5	11	7	7	0	7	8	1
14	7	9	4	7	10	6	7	11	8	14	8	0	10	8	2	0	8	3	2
15	8	4	0	8	5	3	8	6	6	15	8	7	9	8	9	0	8	10	3
16	8	10	8	9	0	0	9	1	4	16	9	2	8	9	4	0	9	5	4
17	9	5	4	9	6	9	9	8	2	17	9	9	7	9	11	0	10	0	5
18	10	0	0	10	1	6	10	3	0	18	10	4	6	10	6	0	10	7	6
19	10	6	8	10	8	3	10	9	10	19	10	11	5	11	1	0	11	2	7
20	11	1	4	11	3	0	11	4	8	20	11	6	4	11	8	0	11	9	8
21	11	8	0	11	9	9	11	11	6	21	12	1	3	12	3	0	12	4	9
22	12	2	8	12	4	6	12	6	4	22	12	8	2	12	10	0	12	11	10
23	12	9	4	12	11	3	13	1	2	23	13	3	1	13	5	0	13	6	11
24	13	4	0	13	6	0	13	8	0	24	13	10	0	14	0	0	14	2	0
25	13	10	8	14	0	9	14	2	10	25	14	4	11	14	7	0	14	9	1
26	14	5	4	14	7	6	14	9	8	26	14	11	10	15	2	0	15	4	2
27	15	0	0	15	2	3	15	4	6	27	15	6	9	15	9	0	15	11	3
28	15	6	8	15	9	0	15	11	4	28	16	1	8	16	4	0	16	6	4
29	16	1	4	16	3	9	16	6	2	29	16	8	7	16	11	0	17	1	5
30	16	8	0	16	10	6	17	1	0	30	17	3	6	17	6	0	17	8	6
31	17	2	8	17	5	3	17	7	10	31	17	10	5	18	1	0	18	3	7
32	17	9	4	18	0	0	18	2	8	32	18	5	4	18	8	0	18	10	8
33	18	4	0	18	6	9	18	9	6	33	19	0	3	19	3	0	19	5	9
34	18	10	8	19	1	6	19	4	4	34	19	7	2	19	10	0	20	0	10
35	19	5	4	19	8	3	19	11	2	35	20	2	1	20	5	0	20	7	11
50	27	9	4	28	1	6	28	5	8	50	28	9	10	29	2	0	29	6	2
In.	I. P. S.			I. P. S.			I. P. S.			In.	I. P. S.			I. P. S.			I. P. S.		
1	0	6	8	0	6	9	0	6	10	1	0	6	11	0	7	0	0	7	1
2	1	1	4	1	1	6	1	1	8	2	1	1	10	1	2	0	1	2	2
3	1	8	0	1	8	3	1	8	6	3	1	8	9	1	9	0	1	9	3
4	2	2	8	2	3	0	2	3	4	4	2	3	8	2	4	0	2	4	4
5	2	9	4	2	9	9	2	10	2	5	2	10	7	2	11	0	2	11	5
6	3	4	0	3	4	6	3	5	0	6	3	5	6	3	6	0	3	6	6
7	3	10	8	3	11	3	3	11	10	7	4	0	5	4	1	0	4	1	7
8	4	5	4	4	6	0	4	6	8	8	4	7	4	4	8	0	4	8	8
9	5	0	0	5	0	9	5	1	6	9	5	2	3	5	3	0	5	3	9
10	5	6	8	5	7	6	5	8	4	10	5	9	2	5	10	0	5	10	10
11	6	1	4	6	2	3	6	3	2	11	6	4	1	6	5	0	6	5	11



# SOLID AND SUPERFICIAL MEASURE.

Length.	Area 86	Area 87	Area 88	Length.	Area 89	Area 90	Area 91
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 7 2	0 7 3	0 7 4	1	0 7 5	0 7 6	0 7 7
2	1 2 4	1 2 6	1 2 8	2	1 2 10	1 3 0	1 3 2
3	1 9 6	1 9 9	1 10 0	3	1 10 3	1 10 6	1 10 9
4	2 4 8	2 5 0	2 5 4	4	2 5 8	2 6 0	2 6 4
5	2 11 10	3 0 3	3 0 8	5	3 1 1	3 1 6	3 1 11
6	3 7 0	3 7 6	3 8 0	6	3 8 6	3 9 0	3 9 6
7	4 2 2	4 2 9	4 3 4	7	4 3 11	4 4 6	4 5 1
8	4 9 4	4 10 0	4 10 8	8	4 11 4	5 0 0	5 0 8
9	5 4 6	5 5 3	5 6 0	9	5 6 9	5 7 6	5 8 3
10	5 11 8	6 0 6	6 1 4	10	6 2 2	6 3 0	6 3 10
11	6 6 10	6 7 9	6 8 8	11	6 9 7	6 10 6	6 11 5
12	7 2 0	7 3 0	7 4 0	12	7 5 0	7 6 0	7 7 0
13	7 9 2	7 10 3	7 11 4	13	8 0 5	8 1 6	8 2 7
14	8 4 4	8 5 6	8 6 8	14	8 7 10	8 9 0	8 10 2
15	8 11 6	9 0 9	9 2 0	15	9 3 3	9 4 6	9 5 9
16	9 6 8	9 8 0	9 9 4	16	9 10 8	10 0 0	10 1 4
17	10 1 10	10 3 3	10 4 8	17	10 6 1	10 7 6	10 8 11
18	10 9 0	10 10 6	11 0 0	18	11 1 6	11 3 0	11 4 6
19	11 4 2	11 5 9	11 7 4	19	11 8 11	11 10 6	12 0 1
20	11 11 4	12 1 0	12 2 8	20	12 4 4	12 6 0	12 7 8
21	12 6 6	12 8 3	12 10 0	21	12 11 9	13 1 6	13 3 3
22	13 1 8	13 3 6	13 5 4	22	13 7 2	13 9 0	13 10 10
23	13 8 10	13 10 9	14 0 8	23	14 2 7	14 4 6	14 6 5
24	14 4 0	14 6 0	14 8 0	24	14 10 0	15 0 0	15 2 0
25	14 11 2	15 1 3	15 3 4	25	15 5 5	15 7 6	15 9 7
26	15 6 4	15 8 6	15 10 8	26	16 0 10	16 3 0	16 5 2
27	16 1 6	16 3 9	16 6 0	27	16 8 3	16 10 6	17 0 9
28	16 8 8	16 11 0	17 1 4	28	17 3 8	17 6 0	17 8 4
29	17 3 10	17 6 3	17 8 8	29	17 11 1	18 1 6	18 3 11
30	17 11 0	18 1 6	18 4 0	30	18 6 6	18 9 0	18 11 6
31	18 6 2	18 8 9	18 11 4	31	19 1 11	19 4 6	19 7 1
32	19 1 4	19 4 0	19 6 8	32	19 9 4	20 0 0	20 2 8
33	19 8 6	19 11 3	20 2 0	33	20 4 9	20 7 6	20 10 3
34	20 3 8	20 6 6	20 9 4	34	21 0 2	21 3 0	21 5 10
35	20 10 10	21 1 9	21 4 8	35	21 7 7	21 10 6	22 1 5
50	29 10 4	30 2 6	30 6 8	50	30 10 10	31 3 0	31 7 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 7 2	0 7 3	0 7 4	1	0 7 5	0 7 6	0 7 7
2	1 2 4	1 2 6	1 2 8	2	1 2 10	1 3 0	1 3 2
3	1 9 6	1 9 9	1 10 0	3	1 10 3	1 10 6	1 10 9
4	2 4 8	2 5 0	2 5 4	4	2 5 8	2 6 0	2 6 4
5	2 11 10	3 0 3	3 0 8	5	3 1 1	3 1 6	3 1 11
6	3 7 0	3 7 6	3 8 0	6	3 8 6	3 9 0	3 9 6
7	4 2 2	4 2 9	4 3 4	7	4 3 11	4 4 6	4 5 1
8	4 9 4	4 10 0	4 10 8	8	4 11 4	5 0 0	5 0 8
9	5 4 6	5 5 3	5 6 0	9	5 6 9	5 7 6	5 8 3
10	5 11 8	6 0 6	6 1 4	10	6 2 2	6 3 0	6 3 10
11	6 6 10	6 7 9	6 8 8	11	6 9 7	6 10 0	6 11 5



Length.	Area 92			Area 93			Area 94			Length.	Area 95			Area 96			Area 97		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	7	8	0	7	9	0	7	10	1	0	7	11	0	8	0	0	8	1
2	1	3	4	1	3	6	1	3	8	2	1	3	10	1	4	0	1	4	2
3	1	11	0	1	11	3	1	11	6	3	1	11	9	2	0	0	2	0	3
4	2	6	8	2	7	0	2	7	4	4	2	7	8	2	8	0	2	8	4
5	3	2	4	3	2	9	3	3	2	5	3	3	7	3	4	0	3	4	5
6	3	10	0	3	10	6	3	11	0	6	3	11	6	4	0	0	4	0	6
7	4	5	8	4	6	3	4	6	10	7	4	7	5	4	8	0	4	8	7
8	5	1	4	5	2	0	5	2	8	8	5	3	4	5	4	0	5	4	8
9	5	9	0	5	9	9	5	10	6	9	5	11	3	6	0	0	6	0	9
10	6	4	8	6	5	6	6	6	4	10	6	7	2	6	8	0	6	8	10
11	7	0	4	7	1	3	7	2	2	11	7	3	1	7	4	0	7	4	11
12	7	8	0	7	9	0	7	10	0	12	7	11	0	8	0	0	8	1	0
13	8	3	8	8	4	9	8	5	10	13	8	6	11	8	8	0	8	9	1
14	8	11	4	9	0	6	9	1	8	14	9	2	10	9	4	0	9	5	2
15	9	7	0	9	8	3	9	9	6	15	9	10	9	10	0	0	10	1	3
16	10	2	8	10	4	0	10	5	4	16	10	6	8	10	8	0	10	9	4
17	10	10	4	10	11	9	11	1	2	17	11	2	7	11	4	0	11	5	5
18	11	6	0	11	7	6	11	9	0	18	11	10	6	12	0	0	12	1	6
19	12	1	8	12	3	3	12	4	10	19	12	6	5	12	8	0	12	9	7
20	12	9	4	12	11	0	13	0	8	20	13	2	4	13	4	0	13	5	8
21	13	5	0	13	6	9	13	8	6	21	13	10	3	14	0	0	14	1	9
22	14	0	8	14	2	6	14	4	4	22	14	6	2	14	8	0	14	9	10
23	14	8	4	14	10	3	15	0	2	23	15	2	1	15	4	0	15	5	11
24	15	4	0	15	6	0	15	8	0	24	15	10	0	16	0	0	16	2	0
25	15	11	8	16	1	9	16	3	10	25	16	5	11	16	8	0	16	10	1
26	16	7	4	16	9	6	16	11	8	26	17	1	10	17	4	0	17	6	2
27	17	3	0	17	5	3	17	7	6	27	17	9	9	18	0	0	18	2	3
28	17	10	8	18	1	0	18	3	4	28	18	5	8	18	8	0	18	10	4
29	18	6	4	18	8	9	18	11	2	29	19	1	7	19	4	0	19	6	5
30	19	2	0	19	4	6	19	7	0	30	19	9	6	20	0	0	20	2	6
31	19	9	8	20	0	3	20	2	10	31	20	5	5	20	8	0	20	10	7
32	20	5	4	20	8	0	20	10	8	32	21	1	4	21	4	0	21	6	8
33	21	1	0	21	3	9	21	6	6	33	21	9	3	22	0	0	22	2	9
34	21	8	8	21	11	6	22	2	4	34	22	5	2	22	8	0	22	10	10
35	22	4	4	22	7	3	22	10	2	35	23	1	1	23	4	0	23	6	11
50	31	11	4	32	3	6	32	7	8	50	32	11	10	33	4	0	33	8	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	7	8	0	7	9	0	7	10	1	0	7	11	0	8	0	0	8	1
2	1	3	4	1	3	6	1	3	8	2	1	3	10	1	4	0	1	4	2
3	1	11	0	1	11	3	1	11	6	3	1	11	9	2	0	0	2	0	3
4	2	6	8	2	7	0	2	7	4	4	2	7	8	2	8	0	2	8	4
5	3	2	4	3	2	9	3	3	2	5	3	3	7	3	4	0	3	4	5
6	3	10	0	3	10	6	3	11	0	6	3	11	6	4	0	0	4	0	6
7	4	5	8	4	6	3	4	6	10	7	4	7	5	4	8	0	4	8	7
8	5	1	4	5	2	0	5	2	8	8	5	3	4	5	4	0	5	4	8
9	5	9	0	5	9	9	5	10	6	9	5	11	3	6	0	0	6	0	9
10	6	4	8	6	5	6	6	6	4	10	6	7	2	6	8	0	6	8	10
11	7	0	4	7	1	3	7	2	2	11	7	3	1	7	4	0	7	4	11

Length. Feet.	Area 98 F. I. P.	Area 99 F. I. P.	Area 100 F. I. P.	Length. Feet.	Area 101 F. I. P.	Area 102 F. I. P.	Area 103 F. I. P.
1	0 8 2	0 8 3	0 8 4	1	0 8 5	0 8 6	0 8 7
2	1 4 4	1 4 6	1 4 8	2	1 4 10	1 5 0	1 5 2
3	2 0 6	2 0 9	2 1 0	3	2 1 3	2 1 6	2 1 9
4	2 8 8	2 9 0	2 9 4	4	2 9 8	2 10 0	2 10 4
5	3 4 10	3 5 3	3 5 8	5	3 6 1	3 6 6	3 6 11
6	4 1 0	4 1 6	4 2 0	6	4 2 6	4 3 0	4 3 6
7	4 9 2	4 9 9	4 10 4	7	4 10 11	4 11 6	5 0 1
8	5 5 4	5 6 0	5 6 8	8	5 7 4	5 8 0	5 8 8
9	6 1 6	6 2 3	6 3 0	9	6 3 9	6 4 6	6 5 3
10	6 9 8	6 10 6	6 11 4	10	7 0 2	7 1 0	7 1 10
11	7 5 10	7 6 9	7 7 8	11	7 8 7	7 9 6	7 10 5
12	8 2 0	8 3 0	8 4 0	12	8 5 0	8 6 0	8 7 0
13	8 10 2	8 11 3	9 0 4	13	9 1 5	9 2 6	9 3 7
14	9 6 4	9 7 6	9 8 8	14	9 9 10	9 11 0	10 0 2
15	10 2 6	10 3 9	10 5 0	15	10 6 3	10 7 6	10 8 9
16	10 10 8	11 0 0	11 1 4	16	11 2 8	11 4 0	11 5 4
17	11 6 10	11 8 3	11 9 8	17	11 11 1	12 0 6	12 1 11
18	12 3 0	12 4 6	12 6 0	18	12 7 6	12 9 0	12 10 6
19	12 11 2	13 0 9	13 2 4	19	13 3 11	13 5 6	13 7 1
20	13 7 4	13 9 0	13 10 8	20	14 0 4	14 2 0	14 3 8
21	14 3 6	14 5 3	14 7 0	21	14 8 9	14 10 6	15 0 3
22	14 11 8	15 1 6	15 3 4	22	15 5 2	15 7 0	15 8 10
23	15 7 10	15 9 9	15 11 8	23	16 1 7	16 3 6	16 5 5
24	16 4 0	16 6 0	16 8 0	24	16 10 0	17 0 0	17 2 0
25	17 0 2	17 2 3	17 4 4	25	17 6 5	17 8 6	17 10 7
26	17 8 4	17 10 6	18 0 8	26	18 2 10	18 5 0	18 7 2
27	18 4 6	18 6 9	18 9 0	27	18 11 3	19 1 6	19 3 9
28	19 0 8	19 3 0	19 5 4	28	19 7 8	19 10 0	20 0 4
29	19 8 10	19 11 3	20 1 8	29	20 4 1	20 6 6	20 8 11
30	20 5 0	20 7 6	20 10 0	30	21 0 6	21 3 0	21 5 6
31	21 1 2	21 3 9	21 6 4	31	21 8 11	21 11 6	22 2 1
32	21 9 4	22 0 0	22 2 8	32	22 5 4	22 8 0	22 10 8
33	22 5 6	22 8 3	22 11 0	33	23 1 9	23 4 6	23 7 3
34	23 1 8	23 4 6	23 7 4	34	23 10 2	24 1 0	24 3 10
35	23 9 10	24 0 9	24 3 8	35	24 6 7	24 9 6	25 0 5
50	34 0 4	34 4 6	34 8 8	50	35 0 10	35 5 0	35 9 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 8 2	0 8 3	0 8 4	1	0 8 5	0 8 6	0 8 7
2	1 4 4	1 4 6	1 4 8	2	1 4 10	1 5 0	1 5 2
3	2 0 6	2 0 9	2 1 0	3	2 1 3	2 1 6	2 1 9
4	2 8 8	2 9 0	2 9 4	4	2 9 8	2 10 0	2 10 4
5	3 4 10	3 5 3	3 5 8	5	3 6 1	3 6 6	3 6 11
6	4 1 0	4 1 6	4 2 0	6	4 2 6	4 3 0	4 3 6
7	4 9 2	4 9 9	4 10 4	7	4 10 11	4 11 6	5 0 1
8	5 5 4	5 6 0	5 6 8	8	5 7 4	5 8 0	5 8 8
9	6 1 6	6 2 3	6 3 0	9	6 3 9	6 4 6	6 5 3
10	6 9 8	6 10 6	6 11 4	10	7 0 2	7 1 0	7 1 10
11	7 5 10	7 6 9	7 7 8	11	7 8 7	7 9 6	7 10 5

Length.	Area 104			Area 105			Area 106			Length.	Area 107			Area 108			Area 109		
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I.	P.	F.	I.	P.	F.	I.
1		0	8 8		0	8 9		0	8 10	1		0	8 11		0	9 0		0	9 1
2		1	5 4		1	5 6		1	5 8	2		1	5 10		1	6 0		1	6 2
3		2	2 0		2	2 3		2	2 6	3		2	2 9		2	3 0		2	3 3
4		2	10 8		2	11 0		2	11 4	4		2	11 8		3	0 0		3	0 4
5		3	7 4		3	7 9		3	8 2	5		3	8 7		3	9 0		3	9 5
6		4	4 0		4	4 6		4	5 0	6		4	5 6		4	6 0		4	6 6
7		5	0 8		5	1 3		5	1 10	7		5	2 5		5	3 0		5	3 7
8		5	9 4		5	10 0		5	10 8	8		5	11 4		6	0 0		6	0 8
9		6	6 0		6	6 9		6	7 6	9		6	8 3		6	9 0		6	9 9
10		7	2 8		7	3 6		7	4 4	10		7	5 2		7	6 0		7	6 10
11		7	11 4		8	0 3		8	1 2	11		8	2 1		8	3 0		8	3 11
12		8	8 0		8	9 0		8	10 0	12		8	11 0		9	0 0		9	1 0
13		9	4 8		9	5 9		9	6 10	13		9	7 11		9	9 0		9	10 1
14		10	1 4		10	2 6		10	3 8	14		10	4 10		10	6 0		10	7 2
15		10	10 0		10	11 3		11	0 6	15		11	1 9		11	3 0		11	4 3
16		11	6 8		11	8 0		11	9 4	16		11	10 8		12	0 0		12	1 4
17		12	3 4		12	4 9		12	6 2	17		12	7 7		12	9 0		12	10 5
18		13	0 0		13	1 6		13	3 0	18		13	4 6		13	6 0		13	7 6
19		13	8 8		13	10 3		13	11 10	19		14	1 5		14	3 0		14	4 7
20		14	5 4		14	7 0		14	8 8	20		14	10 4		15	0 0		15	1 8
21		15	2 0		15	3 9		15	5 6	21		15	7 3		15	9 0		15	10 9
22		15	10 8		16	0 6		16	2 4	22		16	4 2		16	6 0		16	7 10
23		16	7 4		16	9 3		16	11 2	23		17	1 1		17	3 0		17	4 11
24		17	4 0		17	6 0		17	8 0	24		17	10 0		18	0 0		18	2 0
25		18	0 8		18	2 9		18	4 10	25		18	6 11		18	9 0		18	11 1
26		18	9 4		18	11 6		19	1 8	26		19	3 10		19	6 0		19	8 2
27		19	6 0		19	8 3		19	10 6	27		20	0 9		20	3 0		20	5 3
28		20	2 8		20	5 0		20	7 4	28		20	9 8		21	0 0		21	2 4
29		20	11 4		21	1 9		21	4 2	29		21	6 7		21	9 0		21	11 5
30		21	8 0		21	10 6		22	1 0	30		22	3 6		22	6 0		22	8 6
31		22	4 8		22	7 3		22	9 10	31		23	0 5		23	3 0		23	5 7
32		23	1 4		23	4 0		23	6 8	32		23	9 4		24	0 0		24	2 8
33		23	10 0		24	0 9		24	3 6	33		24	6 3		24	9 0		24	11 9
34		24	6 8		24	9 6		25	0 4	34		25	3 2		25	6 0		25	8 10
35		25	3 4		25	6 3		25	9 2	35		26	0 1		26	3 0		26	5 11
50		36	1 4		36	5 6		36	9 8	50		37	1 10		37	6 0		37	10 2
In.		I.	P. S.		I.	P. S.		I.	P. S.	In.		I.	P. S.		I.	P. S.		I.	P. S.
1		0	8 8		0	8 9		0	8 10	1		0	8 11		0	9 0		0	9 1
2		1	5 4		1	5 6		1	5 8	2		1	5 10		1	6 0		1	6 2
3		2	2 0		2	2 3		2	2 6	3		2	2 9		2	3 0		2	3 3
4		2	10 8		2	11 0		2	11 4	4		2	11 8		3	0 0		3	0 4
5		3	7 4		3	7 9		3	8 2	5		3	8 7		3	9 0		3	9 5
6		4	4 0		4	4 6		4	5 0	6		4	5 6		4	6 0		4	6 6
7		5	0 8		5	1 3		5	1 10	7		5	2 5		5	3 0		5	3 7
8		5	9 4		5	10 0		5	10 8	8		5	11 4		6	0 0		6	0 8
9		6	6 0		6	6 9		6	7 6	9		6	8 3		6	9 0		6	9 9
10		7	2 8		7	3 6		7	4 4	10		7	5 2		7	6 0		7	6 10
11		7	11 4		8	0 3		8	1 2	11		8	2 1		8	3 0		8	3 11

Length.	Area 110			Area 111			Area 112			Length.	Area 113			Area 114			Area 115		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	9	2	0	9	3	0	9	4	1	0	9	5	0	9	6	0	9	7
2	1	6	4	1	6	6	1	6	8	2	1	6	10	1	7	0	1	7	2
3	2	3	6	2	3	9	2	4	0	3	2	4	3	2	4	6	2	4	9
4	3	0	8	3	1	0	3	1	4	4	3	1	8	3	2	0	3	2	4
5	3	9	10	3	10	3	3	10	8	5	3	11	1	3	11	6	3	11	11
6	4	7	0	4	7	6	4	8	0	6	4	8	6	4	9	0	4	9	6
7	5	4	2	5	4	9	5	5	4	7	5	5	11	5	6	6	5	7	1
8	6	1	4	6	2	0	6	2	8	8	6	3	4	6	4	0	6	4	8
9	6	10	6	6	11	3	7	0	0	9	7	0	9	7	1	6	7	2	3
10	7	7	8	7	8	6	7	9	4	10	7	10	2	7	11	0	7	11	10
11	8	4	10	8	5	9	8	6	8	11	8	7	7	8	8	6	8	9	5
12	9	2	0	9	3	0	9	4	0	12	9	5	0	9	6	0	9	7	0
13	9	11	2	10	0	3	10	1	4	13	10	2	5	10	3	6	10	4	7
14	10	8	4	10	9	6	10	10	8	14	10	11	10	11	1	0	11	2	2
15	11	5	6	11	6	9	11	8	0	15	11	9	3	11	10	6	11	11	9
16	12	2	8	12	4	0	12	5	4	16	12	6	8	12	8	0	12	9	4
17	12	11	10	13	1	3	13	2	8	17	13	4	1	13	5	6	13	6	11
18	13	9	0	13	10	6	14	0	0	18	14	1	6	14	3	0	14	4	6
19	14	6	2	14	7	9	14	9	4	19	14	10	11	15	0	6	15	2	1
20	15	3	4	15	5	0	15	6	8	20	15	8	4	15	10	0	15	11	8
21	16	0	6	16	2	3	16	4	0	21	16	5	9	16	7	6	16	9	3
22	16	9	8	16	11	6	17	1	4	22	17	3	2	17	5	0	17	6	10
23	17	6	10	17	8	9	17	10	8	23	18	0	7	18	2	6	18	4	5
24	18	4	0	18	6	0	18	8	0	24	18	10	0	19	0	0	19	2	0
25	19	1	2	19	3	3	19	5	4	25	19	7	5	19	9	6	19	11	7
26	19	10	4	20	0	6	20	2	8	26	20	4	10	20	7	0	20	9	2
27	20	7	6	20	9	9	21	0	0	27	21	2	3	21	4	6	21	6	9
28	21	4	8	21	7	0	21	9	4	28	21	11	8	22	2	0	22	4	4
29	22	1	10	22	4	3	22	6	8	29	22	9	1	22	11	6	23	1	11
30	22	11	0	23	1	6	23	4	0	30	23	6	6	23	9	0	23	11	6
31	23	8	2	23	10	9	24	1	4	31	24	3	11	24	6	6	24	9	1
32	24	5	4	24	8	0	24	10	8	32	25	1	4	25	4	0	25	6	8
33	25	2	6	25	5	3	25	8	0	33	25	10	9	26	1	6	26	4	3
34	25	11	8	26	2	6	26	5	4	34	26	8	2	26	11	0	27	1	10
35	26	8	10	26	11	9	27	2	8	35	27	5	7	27	8	6	27	11	5
50	38	2	4	38	6	6	38	10	8	50	39	2	10	39	7	0	39	11	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	9	2	0	9	3	0	9	4	1	0	9	5	0	9	6	0	9	7
2	1	6	4	1	6	6	1	6	8	2	1	6	10	1	7	0	1	7	2
3	2	3	6	2	3	9	2	4	0	3	2	4	3	2	4	6	2	4	9
4	3	0	8	3	1	0	3	1	4	4	3	1	8	3	2	0	3	2	4
5	3	9	10	3	10	3	3	10	8	5	3	11	1	3	11	6	3	11	11
6	4	7	0	4	7	6	4	8	0	6	4	8	6	4	9	0	4	9	6
7	5	4	2	5	4	9	5	5	4	7	5	5	11	5	6	6	5	7	1
8	6	1	4	6	2	0	6	2	8	8	6	3	4	6	4	0	6	4	8
9	6	10	6	6	11	3	7	0	0	9	7	0	9	7	1	6	7	2	3
10	7	7	8	7	8	6	7	9	4	10	7	10	2	7	11	0	7	11	10
11	8	4	10	8	5	9	8	6	8	11	8	7	7	8	8	6	8	9	5



Length.	Area 116	Area 117	Area 118	Length.	Area 119	Area 120	Area 121
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 9 8	0 9 9	0 9 10	1	0 9 11	0 10 0	0 10 1
2	1 7 4	1 7 6	1 7 8	2	1 7 10	1 8 0	1 8 2
3	2 5 0	2 5 3	2 5 6	3	2 5 9	2 6 0	2 6 3
4	3 2 8	3 3 0	3 3 4	4	3 3 8	3 4 0	3 4 4
5	4 0 4	4 0 9	4 1 2	5	4 1 7	4 2 0	4 2 5
6	4 10 0	4 10 6	4 11 0	6	4 11 6	5 0 0	5 0 6
7	5 7 8	5 8 3	5 8 10	7	5 9 5	5 10 0	5 10 7
8	6 5 4	6 6 0	6 6 8	8	6 7 4	6 8 0	6 8 8
9	7 3 0	7 3 9	7 4 6	9	7 5 3	7 6 0	7 6 9
10	8 0 8	8 1 6	8 2 4	10	8 3 2	8 4 0	8 4 10
11	8 10 4	8 11 3	9 0 2	11	9 1 1	9 2 0	9 2 11
12	9 8 0	9 9 0	9 10 0	12	9 11 0	10 0 0	10 1 0
13	10 5 8	10 6 9	10 7 10	13	10 8 11	10 10 0	10 11 1
14	11 3 4	11 4 6	11 5 8	14	11 6 10	11 8 0	11 9 2
15	12 1 0	12 2 3	12 3 6	15	12 4 9	12 6 0	12 7 3
16	12 10 8	13 0 0	13 1 4	16	13 2 8	13 4 0	13 5 4
17	13 8 4	13 9 9	13 11 2	17	14 0 7	14 2 0	14 3 5
18	14 6 0	14 7 6	14 9 0	18	14 10 6	15 0 0	15 1 6
19	15 3 8	15 5 3	15 6 10	19	15 8 5	15 10 0	15 11 7
20	16 1 4	16 3 0	16 4 8	20	16 6 4	16 8 0	16 9 8
21	16 11 0	17 0 9	17 2 6	21	17 4 3	17 6 0	17 7 9
22	17 8 8	17 10 6	18 0 4	22	18 2 2	18 4 0	18 5 10
23	18 6 4	18 8 3	18 10 2	23	19 0 1	19 2 0	19 3 11
24	19 4 0	19 6 0	19 8 0	24	19 10 0	20 0 0	20 2 0
25	20 1 8	20 3 9	20 5 10	25	20 7 11	20 10 0	21 0 1
26	20 11 4	21 1 6	21 3 8	26	21 5 10	21 8 0	21 10 2
27	21 9 0	21 11 3	22 1 6	27	22 3 9	22 6 0	22 8 3
28	22 6 8	22 9 0	22 11 4	28	23 1 8	23 4 0	23 6 4
29	23 4 4	23 6 9	23 9 2	29	23 11 7	24 2 0	24 4 5
30	24 2 0	24 4 6	24 7 0	30	24 9 6	25 0 0	25 2 6
31	24 11 3	25 2 3	25 4 10	31	25 7 5	25 10 0	26 0 7
32	25 9 4	26 0 0	26 2 8	32	26 5 4	26 8 0	26 10 8
33	26 7 0	26 9 9	27 0 6	33	27 3 3	27 6 0	27 8 9
34	27 4 8	27 7 6	27 10 4	34	28 1 2	28 4 0	28 6 10
35	28 2 4	28 5 3	28 8 2	35	28 11 1	29 2 0	29 4 11
50	40 3 4	40 7 6	40 11 8	50	41 3 10	41 8 0	42 0 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 9 8	0 9 9	0 9 10	1	0 9 11	0 10 0	0 10 1
2	1 7 4	1 7 6	1 7 8	2	1 7 10	1 8 0	1 8 2
3	2 5 0	2 5 3	2 5 6	3	2 5 9	2 6 0	2 6 3
4	3 2 8	3 3 0	3 3 4	4	3 3 8	3 4 0	3 4 4
5	4 0 4	4 0 9	4 1 2	5	4 1 7	4 2 0	4 2 5
6	4 10 0	4 10 6	4 11 0	6	4 11 6	5 0 0	5 0 6
7	5 7 8	5 8 3	5 8 10	7	5 9 5	5 10 0	5 10 7
8	6 5 4	6 6 0	6 6 8	8	6 7 4	6 8 0	6 8 8
9	7 3 0	7 3 9	7 4 6	9	7 5 3	7 6 0	7 6 9
10	8 0 8	8 1 6	8 2 4	10	8 3 2	8 4 0	8 4 10
11	8 10 4	8 11 3	9 0 2	11	9 1 1	9 2 0	9 2 11



Length.	Area 122	Area 123	Area 124	Length.	Area 125	Area 126	Area 127
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 10 2	0 10 3	0 10 4	1	0 10 5	0 10 6	0 10 7
2	1 8 4	1 8 6	1 8 8	2	1 8 10	1 9 0	1 9 2
3	2 6 6	2 6 9	2 7 0	3	2 7 3	2 7 6	2 7 9
4	3 4 8	3 5 0	3 5 4	4	3 5 8	3 6 0	3 6 4
5	4 2 10	4 3 3	4 3 8	5	4 4 1	4 4 6	4 4 11
6	5 1 0	5 1 6	5 2 0	6	5 2 6	5 3 0	5 3 6
7	5 11 2	5 11 9	6 0 4	7	6 0 11	6 1 6	6 2 1
8	6 9 4	6 10 0	6 10 8	8	6 11 4	7 0 0	7 0 8
9	7 7 6	7 8 3	7 9 0	9	7 9 9	7 10 6	7 11 3
10	8 5 8	8 6 6	8 7 4	10	8 8 2	8 9 0	8 9 10
11	9 3 10	9 4 9	9 5 8	11	9 6 7	9 7 6	9 8 5
12	10 2 0	10 3 0	10 4 0	12	10 5 0	10 6 0	10 7 0
13	11 0 2	11 1 3	11 2 4	13	11 3 5	11 4 6	11 5 7
14	11 10 4	11 11 6	12 0 8	14	12 1 10	12 3 0	12 4 2
15	12 8 6	12 9 9	12 11 0	15	13 0 3	13 1 6	13 2 9
16	13 6 8	13 8 0	13 9 4	16	13 10 8	14 0 0	14 1 4
17	14 4 10	14 6 3	14 7 8	17	14 9 1	14 10 6	14 11 11
18	15 3 0	15 4 6	15 6 0	18	15 7 6	15 9 0	15 10 6
19	16 1 2	16 2 9	16 4 4	19	16 5 11	16 7 6	16 9 1
20	16 11 4	17 1 0	17 2 8	20	17 4 4	17 6 0	17 7 8
21	17 9 6	17 11 3	18 1 0	21	18 2 9	18 4 6	18 6 3
22	18 7 8	18 9 6	18 11 4	22	19 1 2	19 3 0	19 4 10
23	19 5 10	19 7 9	19 9 8	23	19 11 7	20 1 6	20 3 5
24	20 4 0	20 6 0	20 8 0	24	20 10 0	21 0 0	21 2 0
25	21 2 2	21 4 3	21 6 4	25	21 8 5	21 10 6	22 0 7
26	22 0 4	22 2 6	22 4 8	26	22 6 10	22 9 0	22 11 2
27	22 10 6	23 0 9	23 3 0	27	23 5 3	23 7 6	23 9 9
28	23 8 8	23 11 0	24 1 4	28	24 3 8	24 6 0	24 8 4
29	24 6 10	24 9 3	24 11 8	29	25 2 1	25 4 6	25 6 11
30	25 5 0	25 7 6	25 10 0	30	26 0 6	26 3 0	26 5 6
31	26 3 2	26 5 9	26 8 4	31	26 10 11	27 1 6	27 4 1
32	27 1 4	27 4 0	27 6 8	32	27 9 4	28 0 0	28 2 8
33	27 11 6	28 2 3	28 5 0	33	28 7 9	28 10 6	29 1 3
34	28 9 8	29 0 6	29 3 4	34	29 6 2	29 9 0	29 11 10
35	29 7 10	29 10 9	30 1 8	35	30 4 7	30 7 6	30 10 5
50	42 4 4	42 8 6	43 0 8	50	43 4 10	43 9 0	44 1 2
In.	I. P. s.	I. P. s.	I. P. s.	In.	I. P. s.	I. P. s.	I. P. s.
1	0 10 2	0 10 3	0 10 4	1	0 10 5	0 10 6	0 10 7
2	1 8 4	1 8 6	1 8 8	2	1 8 10	1 9 0	1 9 2
3	2 6 6	2 6 9	2 7 0	3	2 7 3	2 7 6	2 7 9
4	3 4 8	3 5 0	3 5 4	4	3 5 8	3 6 0	3 6 4
5	4 2 10	4 3 3	4 3 8	5	4 4 1	4 4 6	4 4 11
6	5 1 0	5 1 6	5 2 0	6	5 2 6	5 3 0	5 3 6
7	5 11 2	5 11 9	6 0 4	7	6 0 11	6 1 6	6 2 1
8	6 9 4	6 10 0	6 10 8	8	6 11 4	7 0 0	7 0 8
9	7 7 6	7 8 3	7 9 0	9	7 9 9	7 10 6	7 11 3
10	8 5 8	8 6 6	8 7 4	10	8 8 2	8 9 0	8 9 10
11	9 3 10	9 4 9	9 5 8	11	9 6 7	9 7 6	9 8 5

Length.	Area 128	Area 129	Area 130	Length.	Area 131	Area 132	Area 133
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 10 8	0 10 9	0 10 10	1	0 10 11	0 11 0	0 11 1
2	1 9 4	1 9 6	1 9 8	2	1 9 10	1 10 0	1 10 2
3	2 8 0	2 8 3	2 8 6	3	2 8 9	2 9 0	2 9 3
4	3 6 8	3 7 0	3 7 4	4	3 7 8	3 8 0	3 8 4
5	4 5 4	4 5 9	4 6 2	5	4 6 7	4 7 0	4 7 5
6	5 4 0	5 4 6	5 5 0	6	5 5 6	5 6 0	5 6 6
7	6 2 8	6 3 3	6 3 10	7	6 4 5	6 5 0	6 5 7
8	7 1 4	7 2 0	7 2 8	8	7 3 4	7 4 0	7 4 8
9	8 0 0	8 0 9	8 1 6	9	8 2 3	8 3 0	8 3 9
10	8 10 8	8 11 6	9 0 4	10	9 1 2	9 2 0	9 2 10
11	9 9 4	9 10 3	9 11 2	11	10 0 1	10 1 0	10 1 11
12	10 8 0	10 9 0	10 10 0	12	10 11 0	11 0 0	11 1 0
13	11 6 8	11 7 9	11 8 10	13	11 9 11	11 11 0	12 0 1
14	12 5 4	12 6 6	12 7 8	14	12 8 10	12 10 0	12 11 2
15	13 4 0	13 5 3	13 6 6	15	13 7 9	13 9 0	13 10 3
16	14 2 8	14 4 0	14 5 4	16	14 6 8	14 8 0	14 9 4
17	15 1 4	15 2 9	15 4 2	17	15 5 7	15 7 0	15 8 5
18	16 0 0	16 1 6	16 3 0	18	16 4 6	16 6 0	16 7 6
19	16 10 8	17 0 3	17 1 10	19	17 3 5	17 5 0	17 6 7
20	17 9 4	17 11 0	18 0 8	20	18 2 4	18 4 0	18 5 8
21	18 8 0	18 9 9	18 11 6	21	19 1 3	19 3 0	19 4 9
22	19 6 8	19 8 6	19 10 4	22	20 0 2	20 2 0	20 3 10
23	20 5 4	20 7 3	20 9 2	23	20 11 1	21 1 0	21 2 11
24	21 4 0	21 6 0	21 8 0	24	21 10 0	22 0 0	22 2 0
25	22 2 8	22 4 9	22 6 10	25	22 8 11	22 11 0	23 1 1
26	23 1 4	23 3 6	23 5 8	26	23 7 10	23 10 0	24 0 2
27	24 0 0	24 2 3	24 4 6	27	24 6 9	24 9 0	24 11 3
28	24 10 8	25 1 0	25 3 4	28	25 5 8	25 8 0	25 10 4
29	25 9 4	25 11 9	26 2 2	29	26 4 7	26 7 0	26 9 5
30	26 8 0	26 10 6	27 1 0	30	27 3 6	27 6 0	27 8 6
31	27 6 8	27 9 3	27 11 10	31	28 2 5	28 5 0	28 7 7
32	28 5 4	28 8 0	28 10 8	32	29 1 4	29 4 0	29 6 8
33	29 4 0	29 6 9	29 9 6	33	30 0 3	30 3 0	30 5 9
34	30 2 8	30 5 6	30 8 4	34	30 11 2	31 2 0	31 4 10
35	31 1 4	31 4 3	31 7 2	35	31 10 1	32 1 0	32 3 11
50	44 5 4	44 9 6	45 1 8	50	45 5 10	45 10 0	46 2 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 10 8	0 10 9	0 10 10	1	0 10 11	0 11 0	0 11 1
2	1 9 4	1 9 6	1 9 8	2	1 9 10	1 10 0	1 10 2
3	2 8 0	2 8 3	2 8 6	3	2 8 9	2 9 0	2 9 3
4	3 6 8	3 7 0	3 7 4	4	3 7 8	3 8 0	3 8 4
5	4 5 4	4 5 9	4 6 2	5	4 6 7	4 7 0	4 7 5
6	5 4 0	5 4 6	5 5 0	6	5 5 6	5 6 0	5 6 6
7	6 2 8	6 3 3	6 3 10	7	6 4 5	6 5 0	6 5 7
8	7 1 4	7 2 0	7 2 8	8	7 3 4	7 4 0	7 4 8
9	8 0 0	8 0 9	8 1 6	9	8 2 3	8 3 0	8 3 9
10	8 10 8	8 11 6	9 0 4	10	9 1 2	9 2 0	9 2 10
11	9 9 4	9 10 3	9 11 2	11	10 0 1	10 1 0	10 1 11

Length.	Area 134			Area 135			Area 136			Length.	Area 137			Area 138			Area 139		
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.
1	0	11	2	0	11	3	0	11	4	1	0	11	5	0	11	6	0	11	7
2	1	10	4	1	10	6	1	10	8	2	1	10	10	1	11	0	1	11	2
3	2	9	6	2	9	9	2	10	0	3	2	10	3	2	10	6	2	10	9
4	3	8	8	3	9	0	3	9	4	4	3	9	8	3	10	0	3	10	4
5	4	7	10	4	8	3	4	8	3	5	4	9	1	4	9	6	4	9	11
6	5	7	0	5	7	6	5	8	0	6	5	8	6	5	9	0	5	9	6
7	6	6	2	6	6	9	6	7	4	7	6	7	11	6	8	6	6	9	1
8	7	5	4	7	6	0	7	6	8	8	7	7	4	7	8	0	7	8	8
9	8	4	6	8	5	3	8	6	0	9	8	6	9	8	7	6	8	8	3
10	9	3	8	9	4	6	9	5	4	10	9	6	2	9	7	0	9	7	10
11	10	2	10	10	3	9	10	4	8	11	10	5	7	10	6	6	10	7	5
12	11	2	0	11	3	0	11	4	0	12	11	5	0	11	6	0	11	7	0
13	12	1	2	12	2	3	12	3	4	13	12	4	5	12	5	6	12	6	7
14	13	0	4	13	1	6	13	2	8	14	13	3	10	13	5	0	13	6	2
15	13	11	6	14	0	9	14	2	0	15	14	3	3	14	4	6	14	5	9
16	14	10	8	15	0	0	15	1	4	16	15	2	8	15	4	0	15	5	4
17	15	9	10	15	11	3	16	0	8	17	16	2	1	16	3	6	16	4	11
18	16	9	0	16	10	6	17	0	0	18	17	1	6	17	3	0	17	4	6
19	17	8	2	17	9	9	17	11	4	19	18	0	11	18	2	6	18	4	1
20	18	7	4	18	9	0	18	10	8	20	19	0	4	19	2	0	19	3	8
21	19	6	6	19	8	3	19	10	0	21	19	11	9	20	1	6	20	3	3
22	20	5	8	20	7	6	20	9	4	22	20	11	2	21	1	0	21	2	10
23	21	4	10	21	6	9	21	8	8	23	21	10	7	22	0	6	22	2	5
24	22	4	0	22	6	0	22	8	0	24	22	10	0	23	0	0	23	2	0
25	23	3	2	23	5	3	23	7	4	25	23	9	5	23	11	6	24	1	7
26	24	2	4	24	4	6	24	6	8	26	24	8	10	24	11	0	25	1	2
27	25	1	6	25	3	9	25	6	0	27	25	8	3	25	10	6	26	0	9
28	26	0	8	26	3	0	26	5	4	28	26	7	8	26	10	0	27	0	4
29	26	11	10	27	2	3	27	4	8	29	27	7	1	27	9	6	27	11	11
30	27	11	0	28	1	6	28	4	0	30	28	6	6	28	9	0	28	11	6
31	28	10	2	29	0	9	29	3	4	31	29	5	11	29	8	6	29	11	1
32	29	9	4	30	0	0	30	2	8	32	30	5	4	30	8	0	30	10	8
33	30	8	6	30	11	3	31	2	0	33	31	4	9	31	7	6	31	10	3
34	31	7	8	31	10	6	32	1	4	34	32	4	2	32	7	0	32	9	10
35	32	6	10	32	9	9	33	0	8	35	33	3	7	33	6	6	33	9	5
50	46	6	4	46	10	6	47	2	8	50	47	6	10	47	11	0	48	3	2
In.	I.	P.	S.	I.	P.	S.	I.	P.	S.	In.	I.	P.	S.	I.	P.	S.	I.	P.	S.
1	0	11	2	0	11	3	0	11	4	1	0	11	5	0	11	6	0	11	7
2	1	10	4	1	10	6	1	10	8	2	1	10	10	1	11	0	1	11	2
3	2	9	6	2	9	9	2	10	0	3	2	10	3	2	10	6	2	10	9
4	3	8	8	3	9	0	3	9	4	4	3	9	8	3	10	0	3	10	4
5	4	7	10	4	8	3	4	8	8	5	4	9	1	4	9	6	4	9	11
6	5	7	0	5	7	6	5	8	0	6	5	8	6	5	9	0	5	9	6
7	6	6	2	6	6	9	6	7	4	7	6	7	11	6	8	6	6	9	1
8	7	5	4	7	6	0	7	6	8	8	7	7	4	7	8	0	7	8	8
9	8	4	6	8	5	3	8	6	0	9	8	6	9	8	7	6	8	8	3
10	9	3	8	9	4	6	9	5	4	10	9	6	2	9	7	0	9	7	10
11	10	2	10	10	3	9	10	4	8	11	10	5	7	10	6	6	10	7	5

Length.	Area 140	Area 141	Area 142	Length.	Area 143	Area 144	Area 145
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	0 11 8	0 11 9	0 11 10	1	0 11 11	1 0 0	1 0 1
2	1 11 4	1 11 6	1 11 8	2	1 11 10	2 0 0	2 0 2
3	2 11 0	2 11 3	2 11 6	3	2 11 9	3 0 0	3 0 3
4	3 10 8	3 11 0	3 11 4	4	3 11 8	4 0 0	4 0 4
5	4 10 4	4 10 9	4 11 2	5	4 11 7	5 0 0	5 0 5
6	5 10 0	5 10 6	5 11 0	6	5 11 6	6 0 0	6 0 6
7	6 9 8	6 10 3	6 10 10	7	6 11 5	7 0 0	7 0 7
8	7 9 4	7 10 0	7 10 8	8	7 11 4	8 0 0	8 0 8
9	8 9 0	8 9 9	8 10 6	9	8 11 3	9 0 0	9 0 9
10	9 8 8	9 9 6	9 10 4	10	9 11 2	10 0 0	10 0 10
11	10 8 4	10 9 3	10 10 2	11	10 11 1	11 0 0	11 0 11
12	11 8 0	11 9 0	11 10 0	12	11 11 0	12 0 0	12 1 0
13	12 7 8	12 8 9	12 9 10	13	12 10 11	13 0 0	13 1 1
14	13 7 4	13 8 6	13 9 8	14	13 10 10	14 0 0	14 1 2
15	14 7 0	14 8 3	14 9 6	15	14 10 9	15 0 0	15 1 3
16	15 6 8	15 8 0	15 9 4	16	15 10 8	16 0 0	16 1 4
17	16 6 4	16 7 9	16 9 2	17	16 10 7	17 0 0	17 1 5
18	17 6 0	17 7 6	17 9 0	18	17 10 6	18 0 0	18 1 6
19	18 5 8	18 7 3	18 8 10	19	18 10 5	19 0 0	19 1 7
20	19 5 4	19 7 0	19 8 8	20	19 10 4	20 0 0	20 1 8
21	20 5 0	20 6 9	20 8 6	21	20 10 3	21 0 0	21 1 9
22	21 4 8	21 6 6	21 8 4	22	21 10 2	22 0 0	22 1 10
23	22 4 4	22 6 3	22 8 2	23	22 10 1	23 0 0	23 1 11
24	23 4 0	23 6 0	23 8 0	24	23 10 0	24 0 0	24 2 0
25	24 3 8	24 5 9	24 7 10	25	24 9 11	25 0 0	25 2 1
26	25 3 4	25 5 6	25 7 8	26	25 9 10	26 0 0	26 2 2
27	26 3 0	26 5 3	26 7 6	27	26 9 9	27 0 0	27 2 3
28	27 2 8	27 5 0	27 7 4	28	27 9 8	28 0 0	28 2 4
29	28 2 4	28 4 9	28 7 2	29	28 9 7	29 0 0	29 2 5
30	29 2 0	29 4 6	29 7 0	30	29 9 6	30 0 0	30 2 6
31	30 1 8	30 4 3	30 6 10	31	30 9 5	31 0 0	31 2 7
32	31 1 4	31 4 0	31 6 8	32	31 9 4	32 0 0	32 2 8
33	32 1 0	32 3 9	32 6 6	33	32 9 3	33 0 0	33 2 9
34	33 0 8	33 3 6	33 6 4	34	33 9 2	34 0 0	34 2 10
35	34 0 4	34 3 3	34 6 2	35	34 9 1	35 0 0	35 2 11
50	48 7 4	48 11 6	49 3 8	50	49 7 10	50 0 0	50 4 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	0 11 8	0 11 9	0 11 10	1	0 11 11	1 0 0	1 0 1
2	1 11 4	1 11 6	1 11 8	2	1 11 10	2 0 0	2 0 2
3	2 11 0	2 11 3	2 11 6	3	2 11 9	3 0 0	3 0 3
4	3 10 8	3 11 0	3 11 4	4	3 11 8	4 0 0	4 0 4
5	4 10 4	4 10 9	4 11 2	5	4 11 7	5 0 0	5 0 5
6	5 10 0	5 10 6	5 11 0	6	5 11 6	6 0 0	6 0 6
7	6 9 8	6 10 3	6 10 10	7	6 11 5	7 0 0	7 0 7
8	7 9 4	7 10 0	7 10 8	8	7 11 4	8 0 0	8 0 8
9	8 9 0	8 9 9	8 10 6	9	8 11 3	9 0 0	9 0 9
10	9 8 8	9 9 6	9 10 4	10	9 11 2	10 0 0	10 0 10
11	10 8 4	10 9 3	10 10 2	11	10 11 1	11 0 0	11 0 11



Length.	Area 146	Area 147	Area 148	Length.	Area 149	Area 150	Area 151
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	1 0 2	1 0 3	1 0 4	1	1 0 5	1 0 6	1 0 7
2	2 0 4	2 0 6	2 0 8	2	2 0 10	2 1 0	2 1 2
3	3 0 6	3 0 9	3 1 0	3	3 1 3	3 1 6	3 1 9
4	4 0 8	4 1 0	4 1 4	4	4 1 8	4 2 0	4 2 4
5	5 0 10	5 1 3	5 1 8	5	5 2 1	5 2 6	5 2 11
6	6 1 0	6 1 6	6 2 0	6	6 2 6	6 3 0	6 3 6
7	7 1 2	7 1 9	7 2 4	7	7 2 11	7 3 6	7 4 1
8	8 1 4	8 2 0	8 2 8	8	8 3 4	8 4 0	8 4 8
9	9 1 6	9 2 3	9 3 0	9	9 3 9	9 4 6	9 5 3
10	10 1 8	10 2 6	10 3 4	10	10 4 2	10 5 0	10 5 10
11	11 1 10	11 2 9	11 3 8	11	11 4 7	11 5 6	11 6 5
12	12 2 0	12 3 0	12 4 0	12	12 5 0	12 6 0	12 7 0
13	13 2 2	13 3 3	13 4 4	13	13 5 5	13 6 6	13 7 7
14	14 2 4	14 3 6	14 4 8	14	14 5 10	14 7 0	14 8 2
15	15 2 6	15 3 9	15 5 0	15	15 6 3	15 7 6	15 8 9
16	16 2 8	16 4 0	16 5 4	16	16 6 8	16 8 0	16 9 4
17	17 2 10	17 4 3	17 5 8	17	17 7 1	17 8 6	17 9 11
18	18 3 0	18 4 6	18 6 0	18	18 7 6	18 9 0	18 10 6
19	19 3 2	19 4 9	19 6 4	19	19 7 11	19 9 6	19 11 1
20	20 3 4	20 5 0	20 6 8	20	20 8 4	20 10 0	20 11 8
21	21 3 6	21 5 3	21 7 0	21	21 8 9	21 10 6	22 0 3
22	22 3 8	22 5 6	22 7 4	22	22 9 2	22 11 0	23 0 10
23	23 3 10	23 5 9	23 7 8	23	23 9 7	23 11 6	24 1 5
24	24 4 0	24 6 0	24 8 0	24	24 10 0	25 0 0	25 2 0
25	25 4 2	25 6 3	25 8 4	25	25 10 5	26 0 6	26 2 7
26	26 4 4	26 6 6	26 8 8	26	26 10 10	27 1 0	27 3 2
27	27 4 6	27 6 9	27 9 0	27	27 11 3	28 1 6	28 3 9
28	28 4 8	28 7 0	28 9 4	28	28 11 8	29 2 0	29 4 4
29	29 4 10	29 7 3	29 9 8	29	30 0 1	30 2 6	30 4 11
30	30 5 0	30 7 6	30 10 0	30	31 0 6	31 3 0	31 5 6
31	31 5 2	31 7 9	31 10 4	31	32 0 11	32 3 6	32 6 1
32	32 5 4	32 8 0	32 10 8	32	33 1 4	33 4 0	33 6 8
33	33 5 6	33 8 3	33 11 0	33	34 1 9	34 4 6	34 7 3
34	34 5 8	34 8 6	34 11 4	34	35 2 2	35 5 0	35 7 10
35	35 5 10	35 8 9	35 11 8	35	36 2 7	36 5 6	36 8 5
50	50 8 4	51 0 6	51 4 8	50	51 8 10	52 1 0	52 5 2
In.	I. P. S.	I. P. S.	I. P. S.	In.	I. P. S.	I. P. S.	I. P. S.
1	1 0 2	1 0 3	1 0 4	1	1 0 5	1 0 6	1 0 7
2	2 0 4	2 0 6	2 0 8	2	2 0 10	2 1 0	2 1 2
3	3 0 6	3 0 9	3 1 0	3	3 1 3	3 1 6	3 1 9
4	4 0 8	4 1 0	4 1 4	4	4 1 8	4 2 0	4 2 4
5	5 0 10	5 1 3	5 1 8	5	5 1 1	5 2 6	5 2 11
6	6 1 0	6 1 6	6 2 0	6	6 2 6	6 3 0	6 3 6
7	7 1 2	7 1 9	7 2 4	7	7 2 11	7 3 6	7 4 1
8	8 1 4	8 2 0	8 2 8	8	8 2 4	8 4 0	8 4 8
9	9 1 6	9 2 3	9 3 0	9	9 3 9	9 4 6	9 5 3
10	10 1 8	10 2 6	10 3 4	10	10 3 2	10 5 0	10 5 10
11	11 1 10	11 2 9	11 3 8	11	11 3 7	11 5 6	11 6 5



Length.	Area 152	Area 153	Area 154	Length.	Area 155	Area 156	Area 157
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	1 0 8	1 0 9	1 0 10	1	1 0 11	1 1 0	1 1 1
2	2 1 4	2 1 6	2 1 8	2	2 1 10	2 2 0	2 2 2
3	3 2 0	3 2 3	3 2 6	3	3 2 9	3 3 0	3 3 3
4	4 2 8	4 3 0	4 3 4	4	4 3 8	4 4 0	4 4 4
5	5 3 4	5 3 9	5 4 2	5	5 4 7	5 5 0	5 5 5
6	6 4 0	6 4 6	6 5 0	6	6 5 6	6 6 0	6 6 6
7	7 4 8	7 5 3	7 5 10	7	7 6 5	7 7 0	7 7 7
8	8 5 4	8 6 0	8 6 8	8	8 7 4	8 8 0	8 8 8
9	9 6 0	9 6 9	9 7 6	9	9 8 3	9 9 0	9 9 9
10	10 6 8	10 7 6	10 8 4	10	10 9 2	10 10 0	10 10 10
11	11 7 4	11 8 3	11 9 2	11	11 10 1	11 11 0	11 11 11
12	12 8 0	12 9 0	12 10 0	12	12 11 0	13 0 0	13 1 0
13	13 8 8	13 9 9	13 10 10	13	13 11 11	14 1 0	14 2 1
14	14 9 4	14 10 6	14 11 8	14	15 0 10	15 2 0	15 3 2
15	15 10 0	15 11 3	16 0 6	15	16 1 9	16 3 0	16 4 3
16	16 10 8	17 0 0	17 1 4	16	17 2 8	17 4 0	17 5 4
17	17 11 4	18 0 9	18 2 2	17	18 3 7	18 5 0	18 6 5
18	18 0 0	19 1 6	19 3 0	18	19 4 6	19 6 0	19 7 6
19	20 0 8	20 2 3	20 3 10	19	20 5 5	20 7 0	20 8 7
20	21 1 4	21 3 0	21 4 8	20	21 6 4	21 8 0	21 9 8
21	22 2 0	22 3 9	22 5 6	21	22 7 3	22 9 0	22 10 9
22	23 2 8	23 4 6	23 6 4	22	23 8 2	23 10 0	23 11 10
23	24 3 4	24 5 3	24 7 2	23	24 9 1	24 11 0	25 0 11
24	25 4 0	25 6 0	25 8 0	24	25 10 0	26 0 0	26 2 0
25	26 4 8	26 6 9	26 8 10	25	26 10 11	27 1 0	27 3 1
26	27 5 4	27 7 6	27 9 8	26	27 11 10	28 2 0	28 4 2
27	28 6 0	28 8 3	28 10 6	27	29 0 9	29 3 0	29 5 3
28	29 6 8	29 9 0	29 11 4	28	30 1 8	30 4 0	30 6 4
29	30 7 4	30 9 9	31 0 2	29	31 2 7	31 5 0	31 7 5
30	31 8 0	31 10 6	32 1 0	30	32 3 6	32 6 0	32 8 6
31	32 8 8	32 11 3	33 1 10	31	33 4 5	33 7 0	33 9 7
32	33 9 4	34 0 0	34 2 8	32	34 5 4	34 8 0	34 10 8
33	34 10 0	35 0 9	35 3 6	33	35 6 3	35 9 0	35 11 9
34	35 10 8	36 1 6	36 4 4	34	36 7 2	36 10 0	37 0 10
35	36 11 4	37 2 3	37 5 2	35	37 8 1	37 11 0	38 1 11
50	52 9 4	53 1 6	53 5 8	50	53 9 10	54 2 0	54 6 2
In.	I. P. s.	I. P. s.	I. P. s.	In.	I. P. s.	I. P. s.	I. P. s.
1	1 0 8	1 0 9	1 0 10	1	1 0 11	1 1 0	1 1 1
2	2 1 4	2 1 6	2 1 8	2	2 1 10	2 2 0	2 2 2
3	3 2 0	3 2 3	3 2 6	3	3 2 9	3 3 0	3 3 3
4	4 2 8	4 3 0	4 3 4	4	4 3 8	4 4 0	4 4 4
5	5 3 4	5 3 9	5 4 2	5	5 4 7	5 5 0	5 5 5
6	6 4 0	6 4 6	6 5 0	6	6 5 6	6 6 0	6 6 6
7	7 4 8	7 5 3	7 5 10	7	7 6 5	7 7 0	7 7 7
8	8 5 4	8 6 0	8 6 8	8	8 7 4	8 8 0	8 8 8
9	9 6 0	9 6 9	9 7 6	9	9 8 3	9 9 0	9 9 9
10	10 6 8	10 7 6	10 8 4	10	10 9 2	10 10 0	10 10 10
11	11 7 4	11 8 3	11 9 2	11	11 10 1	11 11 0	11 11 11

Length.	Area 158			Area 159			Area 160			Length.	Area 161			Area 162			Area 163					
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.			
1	1	1	2	1	1	3	1	1	4	1	1	1	5	1	1	6	1	1	7			
2	2	2	4	2	2	6	2	2	8	2	2	2	10	2	3	0	2	3	2			
3	3	3	6	3	3	9	3	4	0	3	3	4	3	3	4	6	3	4	9			
4	4	4	8	4	5	0	4	5	4	4	4	5	8	4	6	0	4	6	4			
5	5	5	10	5	6	3	5	6	8	5	5	7	1	5	7	6	5	7	11			
6	6	7	0	6	7	6	6	8	0	6	6	8	6	6	9	0	6	9	6			
7	7	8	2	7	8	9	7	9	4	7	7	9	11	7	10	6	7	11	1			
8	8	9	4	8	10	0	8	10	8	8	8	11	4	9	0	0	9	0	8			
9	9	10	6	9	11	3	10	0	0	9	10	0	9	10	1	6	10	2	3			
10	10	11	8	11	0	6	11	1	4	10	11	2	2	11	3	0	11	3	10			
11	12	0	10	12	1	9	12	2	8	11	12	3	7	12	4	6	12	5	5			
12	13	2	0	13	3	0	13	4	0	12	13	5	0	13	6	0	13	7	0			
13	14	3	2	14	4	3	14	5	4	13	14	6	5	14	7	6	14	8	7			
14	15	4	4	15	5	6	15	6	8	14	15	7	10	15	9	0	15	10	2			
15	16	5	6	16	6	9	16	8	0	15	16	9	3	16	10	6	16	11	9			
16	17	6	8	17	8	0	17	9	4	16	17	10	8	18	0	0	18	1	4			
17	18	7	10	18	9	3	18	10	8	17	19	0	1	19	1	6	19	2	11			
18	19	9	0	19	10	6	20	0	0	18	20	1	6	20	3	0	20	4	6			
19	20	10	2	20	11	9	21	1	4	19	21	2	11	21	4	6	21	6	1			
20	21	11	4	22	1	0	22	2	8	20	22	4	4	22	6	0	22	7	8			
21	23	0	6	23	2	3	23	4	0	21	23	5	9	23	7	6	23	9	3			
22	24	1	8	24	3	6	24	5	4	22	24	7	2	24	9	0	24	10	10			
23	25	2	10	25	4	9	25	6	8	23	25	8	7	25	10	6	26	0	5			
24	26	4	0	26	6	0	26	8	0	24	26	10	0	27	0	0	27	2	0			
25	27	5	2	27	7	3	27	9	4	25	27	11	5	28	1	6	28	3	7			
26	28	6	4	28	8	6	28	10	8	26	29	0	10	29	3	0	29	5	2			
27	29	7	6	29	9	9	30	0	0	27	30	2	3	30	4	6	30	6	9			
28	30	8	8	30	11	0	31	1	4	28	31	3	8	31	6	0	31	8	4			
29	31	9	10	32	0	3	32	2	8	29	32	5	1	32	7	6	32	9	11			
30	32	11	0	33	1	6	33	4	0	30	33	6	6	33	9	0	33	11	6			
31	34	0	2	34	2	9	34	5	4	31	34	7	11	34	10	6	35	1	1			
32	35	1	4	35	4	0	35	6	8	32	35	9	4	36	0	0	36	2	8			
33	36	2	6	36	5	3	36	8	0	33	36	10	9	37	1	6	37	4	3			
34	37	3	8	37	6	6	37	9	4	34	38	0	2	38	3	0	38	5	10			
35	38	4	10	38	7	9	38	10	8	35	39	1	7	39	4	6	39	7	5			
50	54	10	4	55	2	6	55	6	8	50	55	10	10	56	3	0	56	7	2			
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	1	20	0	1	1	30	0	1	1	4	1	0	1	1	50	0	1	1	7	
2	0	2	2	40	0	2	2	60	0	2	2	8	2	0	2	2	100	0	2	3	2	
3	0	3	3	60	0	3	3	90	0	3	4	0	3	0	3	4	30	0	3	4	9	
4	0	4	4	80	0	4	5	00	0	4	5	4	4	0	4	5	80	0	4	6	4	
5	0	5	5	100	0	5	6	30	0	5	6	8	5	0	5	7	10	0	5	7	11	
6	0	6	7	00	6	7	60	6	8	0	6	6	8	60	6	9	00	6	9	6	0	
7	0	7	8	20	0	7	8	90	0	7	9	4	7	0	7	9	110	0	7	11	1	
8	0	8	9	40	8	10	00	8	10	8	8	0	8	0	8	11	40	9	0	0	8	
9	0	9	10	60	9	11	30	10	1	0	9	0	10	0	9	0	10	1	60	10	2	3
10	0	10	11	80	11	0	60	11	1	4	10	0	11	2	0	11	3	00	11	3	10	
11	1	0	0	10	1	0	1	9	1	0	2	8	11	1	0	4	6	1	0	5	5	

Length.	Area 164			Area 165			Area 166			Length.	Area 167			Area 168			Area 169				
Feet.	F. I. P.			F. I. P.			F. I. P.			Feet.	F. I. P.			F. I. P.			F. I. P.				
1	1	1	8	1	1	9	1	1	10	1	1	1	11	1	2	0	1	2	1		
2	2	3	4	2	3	6	2	3	8	2	2	3	10	2	4	0	2	4	2		
3	3	5	0	3	5	3	3	5	6	3	3	5	9	3	6	0	3	6	3		
4	4	6	8	4	7	0	4	7	4	4	4	7	8	4	8	0	4	8	4		
5	5	8	4	5	8	9	5	9	2	5	5	9	7	5	10	0	5	10	5		
6	6	10	0	6	10	6	6	11	0	6	6	11	6	7	0	0	7	0	6		
7	7	11	8	8	0	3	8	0	10	7	8	1	5	8	2	0	8	2	7		
8	9	1	4	9	2	0	9	2	8	8	9	3	4	9	4	0	9	4	8		
9	10	3	0	10	3	9	10	4	6	9	10	5	3	10	6	0	10	6	9		
10	11	4	8	11	5	6	11	6	4	10	11	7	2	11	8	0	11	8	10		
11	12	6	4	12	7	3	12	8	2	11	12	9	1	12	10	0	12	10	11		
12	13	8	0	13	9	0	13	10	0	12	13	11	0	14	0	0	14	1	0		
13	14	9	8	14	10	9	14	11	10	13	15	0	11	15	2	0	15	3	1		
14	15	11	4	16	0	6	16	1	8	14	16	2	10	16	4	0	16	5	2		
15	17	1	0	17	2	3	17	3	6	15	17	4	9	17	6	0	17	7	3		
16	18	2	8	18	4	0	18	5	4	16	18	6	8	18	8	0	18	9	4		
17	19	4	4	19	5	9	19	7	2	17	19	8	7	19	10	0	19	11	5		
18	20	6	0	20	7	6	20	9	0	18	20	10	6	21	0	0	21	1	6		
19	21	7	8	21	9	3	21	10	10	19	22	0	5	22	2	0	22	3	7		
20	22	9	4	22	11	0	23	0	8	20	23	2	4	23	4	0	23	5	8		
21	23	11	0	24	0	9	24	2	6	21	24	4	3	24	6	0	24	7	9		
22	25	0	8	25	2	6	25	4	4	22	25	6	2	25	8	0	25	9	10		
23	26	2	4	26	4	3	26	6	2	23	26	8	1	26	10	0	26	11	11		
24	27	4	0	27	6	0	27	8	0	24	27	10	0	28	0	0	28	2	0		
25	28	5	8	28	7	9	28	9	10	25	28	11	11	29	2	0	29	4	1		
26	29	7	4	29	9	6	29	11	8	26	30	1	10	30	4	0	30	6	2		
27	30	9	0	30	11	3	31	1	6	27	31	3	9	31	6	0	31	8	3		
28	31	10	8	32	1	0	32	3	4	28	32	5	8	32	8	0	32	10	4		
29	33	0	4	33	2	9	33	5	2	29	33	7	7	33	10	0	34	0	5		
30	34	2	0	34	4	6	34	7	0	30	34	9	6	35	0	0	35	2	6		
31	35	3	8	35	6	3	35	8	10	31	35	11	5	36	2	0	36	4	7		
32	36	5	4	36	8	0	36	10	8	32	37	1	4	37	4	0	37	6	8		
33	37	7	0	37	9	9	38	0	6	33	38	3	3	38	6	0	38	8	9		
34	38	8	8	38	11	6	39	2	4	34	39	5	2	39	8	0	39	10	10		
35	39	10	4	40	1	3	40	4	2	35	40	7	1	40	10	0	41	0	11		
50	56	11	4	57	3	6	57	7	8	50	57	11	10	58	4	0	58	8	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	1	1	8	0	1	1	9	0	1	1	10	1	0	1	1	11	0	1	2	1
2	0	2	3	4	0	2	3	6	0	2	3	8	2	0	2	3	10	0	2	4	2
3	0	3	5	0	0	3	5	3	0	3	5	6	3	0	3	5	9	0	3	6	3
4	0	4	6	8	0	4	7	0	0	4	7	4	4	0	4	7	8	0	4	8	4
5	0	5	8	4	0	5	8	9	0	5	9	2	5	0	5	9	7	0	5	10	5
6	0	6	10	0	0	6	10	6	0	6	11	0	6	0	6	11	6	0	7	0	6
7	0	7	11	8	0	8	0	3	0	8	0	10	7	0	8	1	5	0	8	2	7
8	0	9	1	4	0	9	2	0	0	9	2	8	8	0	9	3	4	0	9	4	8
9	0	10	3	0	0	10	3	9	0	10	4	6	9	0	10	5	3	0	10	6	9
10	0	11	4	8	0	11	5	6	0	11	6	4	10	0	11	7	2	0	11	8	10
11	1	0	6	4	1	0	7	3	1	0	8	2	11	1	0	9	1	1	0	10	11

Length.	Area 170			Area 171			Area 172			Length.	Area 173			Area 174			Area 175				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	2	2	1	2	3	1	2	4	1	1	2	5	1	2	6	1	2	7		
2	2	4	4	2	4	6	2	4	8	2	2	4	10	2	5	0	2	5	2		
3	3	6	6	3	6	9	3	7	0	3	3	7	3	3	7	6	3	7	9		
4	4	8	8	4	9	0	4	9	4	4	4	9	8	4	10	0	4	10	4		
5	5	10	10	5	11	3	5	11	8	5	6	0	1	6	0	6	6	0	11		
6	7	1	0	7	1	6	7	2	0	6	7	2	6	7	3	0	7	3	6		
7	8	3	2	8	3	9	8	4	4	7	8	4	11	8	5	6	8	6	1		
8	9	5	4	9	6	0	9	6	8	8	9	7	4	9	8	0	9	8	8		
9	10	7	6	10	8	3	10	9	0	9	10	9	9	10	10	6	10	11	3		
10	11	9	8	11	10	6	11	11	4	10	12	0	2	12	1	0	12	1	10		
11	12	11	10	13	0	9	13	1	8	11	13	2	7	13	3	6	13	4	5		
12	14	2	0	14	3	0	14	4	0	12	14	5	0	14	6	0	14	7	0		
13	15	4	2	15	5	3	15	6	4	13	15	7	5	15	8	6	15	9	7		
14	16	6	4	16	7	6	16	8	8	14	16	9	10	16	11	0	17	0	2		
15	17	8	6	17	9	9	17	11	0	15	18	0	3	18	1	6	18	2	9		
16	18	10	8	19	0	0	19	1	4	16	19	2	8	19	4	0	19	5	4		
17	20	0	10	20	2	3	20	3	8	17	20	5	1	20	6	6	20	7	11		
18	21	3	0	21	4	6	21	6	0	18	21	7	6	21	9	0	21	10	6		
19	22	5	2	22	6	9	22	8	4	19	22	9	11	22	11	6	23	1	1		
20	23	7	4	23	9	0	23	10	8	20	24	0	4	24	2	0	24	3	8		
21	24	9	6	24	11	3	25	1	0	21	25	2	9	25	4	6	25	6	3		
22	25	11	8	26	1	6	26	3	4	22	26	5	2	26	7	0	26	8	10		
23	27	1	10	27	3	9	27	5	8	23	27	7	7	27	9	6	27	11	5		
24	28	4	0	28	6	0	28	8	0	24	28	10	0	29	0	0	29	2	0		
25	29	6	2	29	8	3	29	10	4	25	30	0	5	30	2	6	30	4	7		
26	30	8	4	30	10	6	31	0	8	26	31	2	10	31	5	0	31	7	2		
27	31	10	6	32	0	9	32	3	0	27	32	5	3	32	7	6	32	9	9		
28	33	0	8	33	3	0	33	5	4	28	33	7	8	33	10	0	34	0	4		
29	34	2	10	34	5	3	34	7	8	29	34	10	1	35	0	6	35	2	11		
30	35	5	0	35	7	6	35	10	0	30	36	0	6	36	3	0	36	5	6		
31	36	7	2	36	9	9	37	0	4	31	37	2	11	37	5	6	37	8	1		
32	37	9	4	38	0	0	38	2	8	32	38	5	4	38	8	0	38	10	8		
33	38	11	6	39	2	3	39	5	0	33	39	7	9	39	10	6	40	1	3		
34	40	1	8	40	4	6	40	7	4	34	40	10	2	41	1	0	41	3	10		
35	41	3	10	41	6	9	41	9	8	35	42	0	7	42	3	6	42	6	5		
50	59	0	4	59	4	6	59	8	8	50	60	0	10	60	5	0	60	9	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	2	2	0	1	2	3	0	1	2	4	1	0	1	2	5	0	1	2	7
2	0	2	4	4	0	2	4	6	0	2	4	8	0	2	4	10	0	2	5	2	
3	0	3	6	6	0	3	6	9	0	3	7	0	0	3	7	6	0	3	7	9	
4	0	4	8	8	0	4	9	0	0	4	9	4	4	0	4	10	0	4	10	4	
5	0	5	10	10	0	5	11	3	0	5	11	8	5	0	6	0	6	0	6	11	
6	0	7	1	0	0	7	1	6	0	7	2	0	6	0	7	3	0	0	7	3	6
7	0	8	3	2	0	8	3	9	0	8	4	4	7	0	8	5	6	0	8	6	1
8	0	9	5	4	0	9	6	0	0	9	6	8	8	0	9	8	0	0	9	8	8
9	0	10	7	6	0	10	8	3	0	10	9	0	9	0	10	10	6	0	10	11	3
10	0	11	9	8	0	11	10	6	0	11	11	4	10	1	0	1	0	1	0	1	10
11	1	0	11	10	1	1	0	9	1	1	1	8	11	1	1	3	6	1	1	4	5



Length.	Area 176	Area 177	Area 178	Length.	Area 179	Area 180	Area 181
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	1 2 8	1 2 9	1 2 10	1	1 2 11	1 3 0	1 3 1
2	2 5 4	2 5 6	2 5 8	2	2 5 10	2 6 0	2 6 2
3	3 8 0	3 8 3	3 8 6	3	3 8 9	3 9 0	3 9 3
4	4 10 8	4 11 0	4 11 4	4	4 11 8	5 0 0	5 0 4
5	6 1 4	6 1 9	6 2 2	5	6 2 7	6 3 0	6 3 5
6	7 4 0	7 4 6	7 5 0	6	7 5 6	7 6 0	7 6 6
7	8 6 8	8 7 3	8 7 10	7	8 8 5	8 9 0	8 9 7
8	9 9 4	9 10 0	9 10 8	8	9 11 4	10 0 0	10 0 8
9	11 0 0	11 0 9	11 1 6	9	11 2 3	11 3 0	11 3 9
10	12 2 8	12 3 6	12 4 4	10	12 5 2	12 6 0	12 6 10
11	13 5 4	13 6 3	13 7 2	11	13 8 1	13 9 0	13 9 11
12	14 8 0	14 9 0	14 10 0	12	14 11 0	15 0 0	15 1 0
13	15 10 8	15 11 9	16 0 10	13	16 1 11	16 3 0	16 4 1
14	17 1 4	17 2 6	17 3 8	14	17 4 10	17 6 0	17 7 2
15	18 4 0	18 5 3	18 6 6	15	18 7 9	18 9 0	18 10 3
16	19 6 8	19 8 0	19 9 4	16	19 10 8	20 0 0	20 1 4
17	20 9 4	20 10 9	21 0 2	17	21 1 7	21 3 0	21 4 5
18	22 0 0	22 1 6	22 3 0	18	22 4 6	22 6 0	22 7 6
19	23 2 8	23 4 3	23 5 10	19	23 7 5	23 9 0	23 10 7
20	24 5 4	24 7 0	24 8 8	20	24 10 4	25 0 0	25 1 8
21	25 8 0	25 9 9	25 11 6	21	26 1 3	26 3 0	26 4 9
22	26 10 8	27 0 6	27 2 4	22	27 4 2	27 6 0	27 7 10
23	28 1 4	28 3 3	28 5 2	23	28 7 1	28 9 0	28 10 11
24	29 4 0	29 6 0	29 8 0	24	29 10 0	30 0 0	30 2 0
25	30 6 8	30 8 9	30 10 10	25	31 0 11	31 3 0	31 5 1
26	31 9 4	31 11 6	32 1 8	26	32 3 10	32 6 0	32 8 2
27	33 0 0	33 2 3	33 4 6	27	33 6 9	33 9 0	33 11 3
28	34 2 8	34 5 0	34 7 4	28	34 9 8	35 0 0	35 2 4
29	35 5 4	35 7 9	35 10 2	29	36 0 7	36 3 0	36 5 5
30	36 8 0	36 10 6	37 1 0	30	37 3 6	37 6 0	37 8 6
31	37 10 8	38 1 3	38 3 10	31	38 6 5	38 9 0	38 11 7
32	39 1 4	39 4 0	39 6 8	32	39 9 4	40 0 0	40 2 8
33	40 4 0	40 6 9	40 9 6	33	41 0 3	41 3 0	41 5 9
34	41 6 8	41 9 6	42 0 4	34	42 3 2	42 6 0	42 8 10
35	42 9 4	43 0 3	43 3 2	35	43 6 1	43 9 0	43 11 11
50	61 1 4	61 5 6	61 9 8	50	62 1 10	62 6 0	62 10 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 1 2 8	0 1 2 9	0 1 2 10	1	0 1 2 11	0 1 3 0	0 1 3 1
2	0 2 5 4	0 2 5 6	0 2 5 8	2	0 2 5 10	0 2 6 0	0 2 6 2
3	0 3 8 0	0 3 8 3	0 3 8 6	3	0 3 8 9	0 3 9 0	0 3 9 3
4	0 4 10 8	0 4 11 0	0 4 11 4	4	0 4 11 8	0 5 0 0	0 5 0 4
5	0 6 1 4	0 6 1 9	0 6 2 2	5	0 6 2 7	0 6 3 0	0 6 3 5
6	0 7 4 0	0 7 4 6	0 7 5 0	6	0 7 5 6	0 7 6 0	0 7 6 6
7	0 8 6 8	0 8 7 3	0 8 7 10	7	0 8 8 5	0 8 9 0	0 8 9 7
8	0 9 9 4	0 9 10 0	0 9 10 8	8	0 9 11 4	0 10 0 0	0 10 0 8
9	0 11 0 0	0 11 0 9	0 11 1 6	9	0 11 2 3	0 11 3 0	0 11 3 9
10	1 0 2 8	1 0 3 6	1 0 4 4	10	1 0 5 2	1 0 6 0	1 0 6 10
11	1 1 5 4	1 1 6 3	1 1 7 2	11	1 1 8 1	1 1 9 0	1 1 9 11



Length.	Area 182	Area 183	Area 184	Length.	Area 185	Area 186	Area 187
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	1 3 2	1 3 3	1 3 4	1	1 3 5	1 3 6	1 3 7
2	2 6 4	2 6 6	2 6 8	2	2 6 10	2 7 0	2 7 2
3	3 9 6	3 9 9	3 10 0	3	3 10 3	3 10 6	3 10 9
4	5 0 8	5 1 4	5 1 4	4	5 1 8	5 2 0	5 2 4
5	6 3 10	6 4 3	6 4 8	5	6 5 1	6 5 6	6 5 11
6	7 7 0	7 7 6	7 8 0	6	7 8 6	7 9 0	7 9 6
7	8 10 2	8 10 9	8 11 4	7	8 11 11	9 0 6	9 1 1
8	10 1 4	10 2 0	10 2 8	8	10 3 4	10 4 0	10 4 8
9	11 4 6	11 5 3	11 6 0	9	11 6 9	11 7 6	11 8 3
10	12 7 8	12 8 6	12 9 4	10	12 10 2	12 11 0	12 11 10
11	13 10 10	13 11 9	14 0 8	11	14 1 7	14 2 6	14 3 5
12	15 2 0	15 3 0	15 4 0	12	15 5 0	15 6 0	15 7 0
13	16 5 2	16 6 3	16 7 4	13	16 8 5	16 9 6	16 10 7
14	17 8 4	17 9 6	17 10 8	14	17 11 10	18 1 0	18 2 2
15	18 11 6	19 0 9	19 2 0	15	19 3 3	19 4 6	19 5 9
16	20 2 8	20 4 0	20 5 4	16	20 6 8	20 8 0	20 9 4
17	21 5 10	21 7 3	21 8 8	17	21 10 1	21 11 6	22 0 11
18	22 9 0	22 10 6	23 0 0	18	23 1 6	23 3 0	23 4 6
19	24 0 2	24 1 9	24 3 4	19	24 4 11	24 6 6	24 8 1
20	25 3 4	25 5 0	25 6 8	20	25 8 4	25 10 0	25 11 8
21	26 6 6	26 8 3	26 10 0	21	26 11 9	27 1 6	27 3 3
22	27 9 8	27 11 6	28 1 4	22	28 3 2	28 5 0	28 6 10
23	29 0 10	29 2 9	29 4 8	23	29 6 7	29 8 6	29 10 5
24	30 4 0	30 6 0	30 8 0	24	30 10 0	31 0 0	31 2 0
25	31 7 2	31 9 3	31 11 4	25	32 1 5	32 3 6	32 5 7
26	32 10 4	33 0 6	33 2 8	26	33 4 10	33 7 0	33 9 2
27	34 1 6	34 3 9	34 6 0	27	34 8 3	34 10 6	35 0 9
28	35 8	35 7 0	35 9 4	28	35 11 8	36 2 0	36 4 4
29	36 7 10	36 10 3	37 0 8	29	37 3 1	37 5 6	37 7 11
30	37 11 0	38 1 6	38 4 0	30	38 6 6	38 9 0	38 11 6
31	39 2 2	39 4 9	39 7 4	31	39 9 11	40 0 6	40 3 1
32	40 5 4	40 8 0	40 10 8	32	41 1 4	41 4 0	41 6 8
33	41 8 6	41 11 3	42 2 0	33	42 4 9	42 7 6	42 10 3
34	42 11 8	43 2 6	43 5 4	34	43 8 2	43 11 0	44 1 10
35	44 2 10	44 5 9	44 8 8	35	44 11 7	45 2 6	45 5 5
50	63 2 4	63 6 6	63 10 8	50	64 2 10	64 7 0	64 11 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 1 3 2	0 1 3 3	0 1 3 4	1	0 1 3 5	0 1 3 6	0 1 3 7
2	0 2 6 4	0 2 6 6	0 2 6 8	2	0 2 6 10	0 2 7 0	0 2 7 2
3	0 3 9 6	0 3 9 9	0 3 10 0	3	0 3 10 3	0 3 10 6	0 3 10 9
4	0 5 0 8	0 5 1 4	0 5 1 4	4	0 5 1 8	0 5 2 0	0 5 2 4
5	0 6 3 10	0 6 4 3	0 6 4 8	5	0 6 5 1	0 6 5 6	0 6 5 11
6	0 7 7 0	0 7 7 6	0 7 8 0	6	0 7 8 6	0 7 9 0	0 7 9 6
7	0 8 10 2	0 8 10 9	0 8 11 4	7	0 8 11 11	0 9 0 6	0 9 1 1
8	0 10 1 4	0 10 2 0	0 10 2 8	8	0 10 3 4	0 10 4 0	0 10 4 8
9	0 11 4 6	0 11 5 3	0 11 6 0	9	0 11 6 9	0 11 7 6	0 11 8 3
10	1 0 7 8	1 0 8 6	1 0 9 4	10	1 0 10 2	1 0 11 0	1 0 11 10
11	1 1 10 10	1 1 11 9	1 1 12 0	11	1 2 1 7	1 2 2 6	1 2 3 5

Length.	Area 188			Area 189			Area 190			Length.	Area 191			Area 192			Area 193								
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.						
1	1	3	8	1	3	9	1	3	10	1	1	3	11	1	4	0	1	4	1						
2	2	7	4	2	7	6	2	7	8	2	2	7	10	2	8	0	2	8	2						
3	3	11	0	3	11	3	3	11	6	3	3	11	9	4	0	0	4	0	3						
4	5	2	8	5	3	0	5	3	4	4	5	3	8	5	4	0	5	4	4						
5	6	6	4	6	6	9	6	7	2	5	6	7	7	6	8	0	6	8	5						
6	7	10	0	7	10	6	7	11	0	6	7	11	6	8	0	0	8	0	6						
7	9	1	8	9	2	3	9	2	10	7	9	3	5	9	4	0	9	4	7						
8	10	5	4	10	6	0	10	6	8	8	10	7	4	10	8	0	10	8	8						
9	11	9	0	11	9	9	11	10	6	9	11	11	3	12	0	0	12	0	9						
10	13	0	8	13	1	6	13	2	4	10	13	3	2	13	4	0	13	4	10						
11	14	4	4	14	5	3	14	6	2	11	14	7	1	14	8	0	14	8	11						
12	15	8	0	15	9	0	15	10	0	12	15	11	0	16	0	0	16	1	0						
13	16	11	8	17	0	9	17	1	10	13	17	2	11	17	4	0	17	5	1						
14	18	3	4	18	4	6	18	5	8	14	18	6	10	18	8	0	18	9	2						
15	19	7	0	19	8	3	19	9	6	15	19	10	9	20	0	0	20	1	3						
16	20	10	8	21	0	0	21	1	4	16	21	2	8	21	4	0	21	5	4						
17	22	2	4	22	3	9	22	5	2	17	22	6	7	22	8	0	22	9	5						
18	23	6	0	23	7	6	23	9	0	18	23	10	6	24	0	0	24	1	6						
19	24	9	8	24	11	3	25	0	10	19	25	2	5	25	4	0	25	5	7						
20	26	1	4	26	3	0	26	4	8	20	26	6	4	26	8	0	26	9	8						
21	27	5	0	27	6	9	27	8	6	21	27	10	3	28	0	0	28	1	9						
22	28	8	8	28	10	6	29	0	4	22	29	2	2	29	4	0	29	5	10						
23	30	0	4	30	2	3	30	4	2	23	30	6	1	30	8	0	30	9	11						
24	31	4	0	31	6	0	31	8	0	24	31	10	0	32	0	0	32	2	0						
25	32	7	8	32	9	9	32	11	10	25	33	1	11	33	4	0	33	6	1						
26	33	11	4	34	1	6	34	3	8	26	34	5	10	34	8	0	34	10	2						
27	35	3	0	35	5	3	35	7	6	27	35	9	9	36	0	0	36	2	3						
28	36	6	8	36	9	0	36	11	4	28	37	1	8	37	4	0	37	6	4						
29	37	10	4	38	0	9	38	3	2	29	38	5	7	38	8	0	38	10	5						
30	39	2	0	39	4	6	39	7	0	30	39	9	6	40	0	0	40	2	6						
31	40	5	8	40	8	3	40	10	10	31	41	1	5	41	4	0	41	6	7						
32	41	9	4	42	0	0	42	2	8	32	42	5	4	42	8	0	42	10	8						
33	43	1	0	43	3	9	43	6	6	33	43	9	3	44	0	0	44	2	9						
34	44	4	8	44	7	6	44	10	4	34	45	1	2	45	4	0	45	6	10						
35	45	8	4	45	11	3	46	2	2	35	46	5	1	46	8	0	46	10	11						
50	65	3	4	65	7	6	65	11	8	50	66	3	10	66	8	0	67	0	2						
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.					
1	0	1	3	8	0	1	3	9	0	1	3	10	1	0	1	4	0	0	1	4	1				
2	0	2	7	4	0	2	7	6	0	2	7	8	2	0	2	8	0	0	2	8	2				
3	0	3	11	0	0	3	11	3	0	3	11	6	3	0	3	11	9	0	0	4	0	3			
4	0	5	2	3	0	5	3	0	0	5	3	4	4	0	5	3	8	0	5	4	4	4			
5	0	6	6	4	0	6	6	9	0	6	7	2	5	0	6	7	7	0	6	8	5	5			
6	0	7	10	0	0	7	10	6	0	7	11	0	6	0	7	11	6	0	8	0	6	6			
7	0	9	1	8	0	9	2	3	0	9	2	10	7	0	9	3	5	0	9	4	7	7			
8	0	10	5	4	0	10	6	0	0	10	6	8	8	0	10	7	4	0	10	8	8	8			
9	0	11	9	0	0	11	9	9	0	11	10	6	9	0	11	11	3	1	0	0	9	9			
10	1	1	0	8	1	1	1	6	1	1	2	4	10	1	1	3	2	1	1	4	10	10			
11	1	2	4	4	1	2	5	3	1	2	6	2	11	1	2	7	1	1	2	8	0	1	2	8	11

Length.	Area 194	Area 195	Area 196	Length.	Area 197	Area 198	Area 199
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	1 4 2	1 4 3	1 4 4	1	1 4 5	1 4 6	1 4 7
2	2 8 4	2 8 6	2 8 8	2	2 8 10	2 9 0	2 9 2
3	4 0 6	4 0 9	4 1 0	3	4 1 3	4 1 6	4 1 9
4	5 4 8	5 5 0	5 5 4	4	5 5 8	5 6 0	5 6 4
5	6 8 10	6 9 3	6 9 8	5	6 10 1	6 10 6	6 10 11
6	8 1 0	8 1 6	8 2 0	6	8 2 6	8 3 0	8 3 6
7	9 5 2	9 5 9	9 6 4	7	9 6 11	9 7 6	9 8 1
8	10 9 4	10 10 0	10 10 8	8	10 11 4	11 0 0	11 0 8
9	12 1 6	12 2 3	12 3 0	9	12 3 9	12 4 6	12 5 3
10	13 5 8	13 6 6	13 7 4	10	13 8 2	13 9 0	13 9 10
11	14 9 10	14 10 9	14 11 8	11	15 0 7	15 1 6	15 2 5
12	16 2 0	16 3 0	16 4 0	12	16 5 0	16 6 0	16 7 0
13	17 6 2	17 7 3	17 8 4	13	17 9 5	17 10 6	17 11 7
14	18 10 4	18 11 6	19 0 8	14	19 1 10	19 3 0	19 4 2
15	20 2 6	20 3 9	20 5 0	15	20 6 3	20 7 6	20 8 9
16	21 6 8	21 8 0	21 9 4	16	21 10 8	22 0 0	22 1 4
17	22 10 10	23 0 3	23 1 8	17	23 3 1	23 4 6	23 5 11
18	24 3 0	24 4 6	24 6 0	18	24 7 6	24 9 0	24 10 6
19	25 7 2	25 8 9	25 10 4	19	25 11 11	26 1 6	26 3 1
20	26 11 4	27 1 0	27 2 8	20	27 4 4	27 6 0	27 7 8
21	28 3 6	28 5 3	28 7 0	21	28 8 9	28 10 6	29 0 3
22	29 7 8	29 9 6	29 11 4	22	30 1 2	30 3 0	30 4 10
23	30 11 10	31 0 9	31 3 8	23	31 5 7	31 7 6	31 9 5
24	32 4 0	32 6 0	32 8 0	24	32 10 0	33 0 0	33 2 0
25	33 8 2	33 10 3	34 0 4	25	34 2 5	34 4 6	34 6 7
26	35 0 4	35 2 6	35 4 8	26	35 6 10	35 9 0	35 11 2
27	36 4 6	36 6 9	36 9 0	27	36 11 3	37 1 6	37 3 9
28	37 8 8	37 11 0	38 1 4	28	38 3 8	38 6 0	38 8 4
29	39 0 10	39 3 3	39 5 8	29	39 8 1	39 10 6	40 0 11
30	40 5 0	40 7 6	40 10 0	30	41 0 6	41 3 0	41 5 6
31	41 9 2	41 11 9	42 2 4	31	42 4 11	42 7 6	42 10 1
32	43 1 4	43 4 0	43 6 8	32	43 9 4	44 0 0	44 2 8
33	44 5 6	44 8 3	44 11 0	33	45 1 9	45 4 6	45 7 3
34	45 9 8	46 0 6	46 3 4	34	46 6 2	46 9 0	46 11 10
35	47 1 10	47 4 9	47 7 8	35	47 10 7	48 1 6	48 4 5
50	67 4 4	67 8 6	68 0 8	50	68 4 10	68 9 0	69 1 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 1 4 2	0 1 4 3	0 1 4 4	1	0 1 4 5	0 1 4 6	0 1 4 7
2	0 2 8 4	0 2 8 6	0 2 8 8	2	0 2 8 10	0 2 9 0	0 2 9 2
3	0 4 0 6	0 4 0 9	0 4 1 0	3	0 4 1 3	0 4 1 6	0 4 1 9
4	0 5 4 8	0 5 5 0	0 5 5 4	4	0 5 5 8	0 5 6 0	0 5 6 4
5	0 6 8 10	0 6 9 3	0 6 9 8	5	0 6 10 1	0 6 10 6	0 6 10 11
6	0 8 1 0	0 8 1 6	0 8 2 0	6	0 8 2 6	0 8 3 0	0 8 3 6
7	0 9 5 2	0 9 5 9	0 9 6 4	7	0 9 6 11	0 9 7 6	0 9 8 1
8	0 10 9 4	0 10 10 0	0 10 10 8	8	0 10 11 4	0 11 0 0	0 11 0 8
9	1 0 1 6	1 0 2 3	1 0 3 0	9	1 0 3 9	1 0 4 6	1 0 5 3
10	1 1 5 8	1 1 6 6	1 1 7 4	10	1 1 8 2	1 1 9 0	1 1 9 10
11	1 2 9 10	1 2 10 9	1 2 11 8	11	1 3 0 7	1 3 1 6	1 3 2 5

Length.	Area 200	Area 201	Area 202	Length.	Area 203	Area 204	Area 205
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	1 4 8	1 4 9	1 4 10	1	1 4 11	1 5 0	1 5 1
2	2 9 4	2 9 6	2 9 8	2	2 9 10	2 10 0	2 10 2
3	4 2 0	4 2 3	4 2 6	3	4 2 9	4 3 0	4 3 3
4	5 6 8	5 7 0	5 7 4	4	5 7 8	5 8 0	5 8 4
5	6 11 4	6 11 9	7 0 2	5	7 0 7	7 1 0	7 1 5
6	8 4 0	8 4 6	8 5 0	6	8 5 6	8 6 0	8 6 6
7	9 8 8	9 9 3	9 9 10	7	9 10 5	9 11 0	9 11 7
8	11 1 4	11 2 0	11 2 8	8	11 3 4	11 4 0	11 4 8
9	12 6 0	12 6 9	12 7 6	9	12 8 3	12 9 0	12 9 9
10	13 10 8	13 11 6	14 0 4	10	14 1 2	14 2 0	14 2 10
11	15 3 4	15 4 3	15 5 2	11	15 6 1	15 7 0	15 7 11
12	16 8 0	16 9 0	16 10 0	12	16 11 0	17 0 0	17 1 0
13	18 0 8	18 1 9	18 2 10	13	18 3 11	18 5 0	18 6 1
14	19 5 4	19 6 6	19 7 8	14	19 8 10	19 10 0	19 11 2
15	20 10 0	20 11 3	21 0 6	15	21 1 9	21 3 0	21 4 3
16	22 2 8	22 4 0	22 5 4	16	22 6 8	22 8 0	22 9 4
17	23 7 4	23 8 9	23 10 2	17	23 11 7	24 1 0	24 2 5
18	25 0 0	25 1 6	25 3 0	18	25 4 6	25 6 0	25 7 6
19	26 4 8	26 6 3	26 7 10	19	26 9 5	26 11 0	27 0 7
20	27 9 4	27 11 0	28 0 8	20	28 2 4	28 4 0	28 5 8
21	29 2 0	29 3 9	29 5 6	21	29 7 3	29 9 0	29 10 9
22	30 6 8	30 8 6	30 10 4	22	31 0 2	31 2 0	31 3 10
23	31 11 4	32 1 3	32 3 2	23	32 5 1	32 7 0	32 8 11
24	33 4 0	33 6 0	33 8 0	24	33 10 0	34 0 0	34 2 0
25	34 8 8	34 10 9	35 0 10	25	35 2 11	35 5 0	35 7 1
26	36 1 4	36 3 6	36 5 8	26	36 7 10	36 10 0	37 0 2
27	37 6 0	37 8 3	37 10 6	27	38 0 9	38 3 0	38 5 3
28	38 10 8	39 1 0	39 3 4	28	39 5 8	39 8 0	39 10 4
29	40 3 4	40 5 9	40 8 2	29	40 10 7	41 1 0	41 3 5
30	41 8 0	41 10 0	42 1 0	30	42 3 6	42 6 0	42 8 6
31	43 0 8	43 3 3	43 5 10	31	43 8 5	43 11 0	44 1 7
32	44 5 4	44 8 0	44 10 8	32	45 1 4	45 4 0	45 6 8
33	45 10 0	46 0 9	46 3 6	33	46 6 3	46 9 0	46 11 9
34	47 2 8	47 5 6	47 8 4	34	47 11 2	48 2 0	48 4 10
35	48 7 4	48 10 3	49 1 2	35	49 4 1	49 7 0	49 9 11
50	69 5 4	69 9 6	70 1 8	50	70 5 10	70 10 0	71 2 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 1 4 8	0 1 4 9	0 1 4 10	1	0 1 4 11	0 1 5 0	0 1 5 1
2	0 2 9 4	0 2 9 6	0 2 9 8	2	0 2 9 10	0 2 10 0	0 2 10 2
3	0 4 2 0	0 4 2 3	0 4 2 6	3	0 4 2 9	0 4 3 0	0 4 3 3
4	0 5 6 8	0 5 7 0	0 5 7 4	4	0 5 7 8	0 5 8 0	0 5 8 4
5	0 6 11 4	0 6 11 9	0 7 0 2	5	0 7 0 7	0 7 1 0	0 7 1 5
6	0 8 4 0	0 8 4 6	0 8 5 0	6	0 8 5 6	0 8 6 0	0 8 6 6
7	0 9 8 8	0 9 9 3	0 9 9 10	7	0 9 10 5	0 9 11 0	0 9 11 7
8	0 11 1 4	0 11 2 0	0 11 2 8	8	0 11 3 4	0 11 4 0	0 11 4 8
9	1 0 6 0	1 0 6 9	1 0 7 6	9	1 0 8 3	1 0 9 0	1 0 9 9
10	1 1 10 8	1 1 11 6	1 2 0 4	10	1 2 1 2	1 2 2 0	1 2 2 10
11	1 3 3 4	1 3 4 3	1 3 5 2	11	1 3 6 1	1 3 7 0	1 3 7 11



Length.	Area 206			Area 207			Area 208			Length.	Area 209			Area 210			Area 211				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	5	2	1	5	3	1	5	4	1	1	5	5	1	5	6	1	5	7		
2	2	10	4	2	10	6	2	10	8	2	2	10	10	2	11	0	2	11	2		
3	4	3	6	4	3	9	4	4	0	3	4	4	3	4	4	6	4	4	9		
4	5	8	8	5	9	0	5	9	4	4	5	9	8	5	10	0	5	10	4		
5	7	1	10	7	2	3	7	2	8	5	7	3	1	7	3	6	7	3	11		
6	8	7	0	8	7	6	8	8	0	6	8	8	6	8	9	0	8	9	6		
7	10	0	2	10	0	9	10	1	4	7	10	1	11	10	2	6	10	3	1		
8	11	5	4	11	6	0	11	6	8	8	11	7	4	11	8	0	11	8	8		
9	12	10	6	12	11	3	13	0	0	9	13	0	9	13	1	6	13	2	3		
10	14	3	8	14	4	6	14	5	4	10	14	6	2	14	7	0	14	7	10		
11	15	8	10	15	9	9	15	10	8	11	15	11	7	16	0	6	16	1	5		
12	17	2	0	17	3	0	17	4	0	12	17	5	0	17	6	0	17	7	0		
13	18	7	2	18	8	3	18	9	4	13	18	10	5	18	11	6	19	0	7		
14	20	0	4	20	1	6	20	2	8	14	20	3	10	20	5	0	20	6	2		
15	21	5	6	21	6	9	21	8	0	15	21	9	3	21	10	6	21	11	9		
16	22	10	8	23	0	0	23	1	4	16	23	2	8	23	4	0	23	5	4		
17	24	3	10	24	5	3	24	6	8	17	24	3	1	24	9	6	24	10	11		
18	25	9	0	25	10	6	26	0	0	18	26	1	6	26	3	0	26	4	6		
19	27	2	2	27	3	9	27	5	4	19	27	6	11	27	8	6	27	10	1		
20	28	7	4	28	9	0	28	10	8	20	29	0	4	29	2	0	29	3	8		
21	30	0	6	30	2	3	30	4	0	21	30	5	9	30	7	6	30	9	3		
22	31	5	8	31	7	6	31	9	4	22	31	11	2	32	1	0	32	2	10		
23	32	10	10	33	0	9	33	2	8	23	33	4	7	33	6	6	33	8	5		
24	34	4	0	34	6	0	34	8	0	24	34	10	0	35	0	0	35	2	0		
25	35	9	2	35	11	3	36	1	4	25	36	3	5	36	5	6	36	7	7		
26	37	2	4	37	4	6	37	6	8	26	37	8	10	37	11	0	38	1	2		
27	38	7	6	38	9	9	39	0	0	27	39	2	3	39	4	6	39	6	9		
28	40	0	8	40	3	0	40	5	4	28	40	7	8	40	10	0	41	0	4		
29	41	5	10	41	8	3	41	10	8	29	42	1	1	42	3	6	42	5	11		
30	42	11	0	43	1	6	43	4	0	30	43	6	6	43	9	0	43	11	6		
31	44	4	2	44	6	9	44	9	4	31	44	11	11	45	2	6	45	5	1		
32	45	9	4	46	0	0	46	2	8	32	46	5	4	46	8	0	46	10	8		
33	47	2	6	47	5	3	47	8	0	33	47	10	9	48	1	6	48	4	3		
34	48	7	8	48	10	6	49	1	4	34	49	4	2	49	7	0	49	9	10		
35	50	0	10	50	3	9	50	5	8	35	50	9	7	51	0	6	51	3	5		
50	71	6	4	71	10	6	72	2	8	50	72	6	10	72	11	0	73	3	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	5	2	0	1	5	3	0	1	5	4	1	0	1	5	6	0	1	5	7
2	0	2	10	4	0	2	10	6	0	2	10	8	2	0	2	11	0	0	2	11	2
3	0	4	3	6	0	4	3	9	0	4	4	0	3	0	4	4	6	0	4	4	9
4	0	5	8	8	0	5	9	0	0	5	9	4	4	0	5	10	0	0	5	10	4
5	0	7	1	10	0	7	2	3	0	7	2	8	5	0	7	3	6	0	7	3	11
6	0	8	7	0	0	8	7	6	0	8	8	0	6	0	8	9	0	0	8	9	6
7	0	10	0	2	0	10	0	9	0	10	1	4	7	0	10	2	6	0	10	3	1
8	0	11	5	4	0	11	6	0	0	11	6	8	8	0	11	8	0	0	11	8	8
9	1	0	10	6	1	0	11	3	1	1	0	0	9	1	1	0	6	1	1	2	3
10	1	2	3	8	1	2	4	6	1	2	5	4	10	1	2	6	2	1	2	7	10
11	1	3	8	10	1	3	9	9	1	3	10	8	11	1	4	0	6	1	4	1	5



Length.	Area 212			Area 213			Area 214			Length.	Area 215			Area 216			Area 217				
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		
1	1	5	8	1	5	9	1	5	10	1	1	5	11	1	6	0	1	6	1		
2	2	11	4	2	11	6	2	11	8	2	2	11	10	3	0	0	3	0	2		
3	4	5	0	4	5	3	4	5	6	3	4	5	9	4	6	0	4	6	3		
4	5	10	8	5	11	0	5	11	4	4	5	11	8	6	0	0	6	0	4		
5	7	4	4	7	4	9	7	5	2	5	7	5	7	7	6	0	7	6	5		
6	8	10	0	8	10	6	8	11	0	6	8	11	6	9	0	0	9	0	6		
7	10	3	8	10	4	3	10	4	10	7	10	5	5	10	6	0	10	6	7		
8	11	9	4	11	10	0	11	10	8	8	11	11	4	12	0	0	12	0	8		
9	13	3	0	13	3	9	13	4	6	9	13	5	3	13	6	0	13	6	9		
10	14	8	8	14	9	6	14	10	4	10	14	11	2	15	0	0	15	0	10		
11	16	2	4	16	3	3	16	4	2	11	16	5	1	16	6	0	16	6	11		
12	17	8	0	17	9	0	17	10	0	12	17	11	0	18	0	0	18	1	0		
13	19	1	8	19	2	9	19	3	10	13	19	4	11	19	6	0	19	7	1		
14	20	7	4	20	8	6	20	9	8	14	20	10	10	21	0	0	21	1	2		
15	22	1	0	22	2	3	22	3	6	15	22	4	9	22	6	0	22	7	3		
16	23	6	8	23	8	0	23	9	4	16	23	10	8	24	0	0	24	1	4		
17	25	0	4	25	1	9	25	3	2	17	25	4	7	25	6	0	25	7	5		
18	26	6	0	26	7	6	26	9	0	18	26	10	6	27	0	0	27	1	6		
19	27	11	8	28	1	3	28	2	10	19	28	4	5	28	6	0	28	7	7		
20	29	5	4	29	7	0	29	8	8	20	29	10	4	30	0	0	30	1	8		
21	30	11	0	31	0	9	31	2	6	21	31	4	3	31	6	0	31	7	9		
22	32	4	8	32	6	6	32	8	4	22	32	10	2	33	0	0	33	1	10		
23	33	10	4	34	0	3	34	2	2	23	34	4	1	34	6	0	34	7	11		
24	35	4	0	35	6	0	35	8	0	24	35	10	0	36	0	0	36	2	0		
25	36	9	8	36	11	9	37	1	10	25	37	3	11	37	6	0	37	8	1		
26	38	3	4	38	5	6	38	7	8	26	38	9	10	39	0	0	39	2	2		
27	39	9	0	39	11	3	40	1	6	27	40	3	9	40	6	0	40	8	3		
28	41	2	8	41	5	0	41	7	4	28	41	9	8	42	0	0	42	2	4		
29	42	8	4	42	10	9	43	1	2	29	43	3	7	43	6	0	43	8	5		
30	44	2	0	44	4	6	44	7	0	30	44	9	6	45	0	0	45	2	6		
31	45	7	8	45	10	3	46	0	10	31	46	3	5	46	6	0	46	8	7		
32	47	1	4	47	4	0	47	6	8	32	47	9	4	48	0	0	48	2	8		
33	48	7	0	48	9	9	49	0	6	33	49	3	3	49	6	0	49	8	9		
34	50	0	8	50	3	6	50	6	4	34	50	9	2	51	0	0	51	2	10		
35	51	6	4	51	9	3	52	0	2	35	52	3	1	52	6	0	52	8	11		
50	73	7	4	73	11	6	74	3	8	50	74	7	10	75	0	0	75	4	2		
In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.	In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.		
1	0	1	5	8	0	1	5	9	0	1	5	10	1	0	1	6	1	0	1	6	1
2	0	2	11	4	0	2	11	6	0	2	11	8	2	0	3	0	0	3	0	2	
3	0	4	5	0	0	4	5	3	0	4	5	6	3	0	4	6	0	0	4	6	3
4	0	5	10	8	0	5	11	0	0	5	11	4	4	0	6	0	0	6	0	4	
5	0	7	4	4	0	7	4	9	0	7	5	2	5	0	7	6	0	0	7	6	5
6	0	8	10	0	0	8	10	6	0	8	11	0	6	0	9	0	0	0	9	0	6
7	0	10	3	8	0	10	4	3	0	10	4	10	7	0	10	6	0	0	10	6	7
8	0	11	9	4	0	11	10	0	0	11	10	8	8	0	11	11	4	1	0	0	8
9	1	1	3	0	1	1	3	9	1	1	4	6	9	1	1	5	3	1	1	6	9
10	1	2	8	8	1	2	9	6	1	2	10	4	10	1	2	11	2	1	3	0	10
11	1	4	2	4	1	4	3	3	1	4	4	2	11	1	4	6	0	1	4	6	11

Length.	Area 218			Area 219			Area 220			Length.	Area 221			Area 222			Area 223				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	6	2	1	6	3	1	6	4	1	1	6	5	1	6	6	1	6	7		
2	3	0	4	3	0	6	3	0	8	2	3	0	10	3	1	0	3	1	2		
3	4	6	6	4	6	9	4	7	0	3	4	7	3	4	7	6	4	7	9		
4	6	0	8	6	1	0	6	1	4	4	6	1	8	6	2	0	6	2	4		
5	7	6	10	7	7	3	7	7	8	5	7	8	1	7	8	6	7	8	11		
6	9	1	0	9	1	6	9	2	0	6	9	2	6	9	3	0	9	3	6		
7	10	7	2	10	7	9	10	8	4	7	10	8	11	10	9	6	10	10	1		
8	12	1	4	12	2	0	12	2	8	8	12	3	4	12	4	0	12	4	8		
9	13	7	6	13	8	3	13	9	0	9	13	9	9	13	10	6	13	11	3		
10	15	1	8	15	2	6	15	3	4	10	15	4	2	15	5	0	15	5	10		
11	16	7	10	16	8	9	16	9	8	11	16	10	7	16	11	6	17	0	5		
12	18	2	0	18	3	0	18	4	0	12	18	5	0	18	6	0	18	7	0		
13	19	8	2	19	9	3	19	10	4	13	19	11	5	20	0	6	20	1	7		
14	21	2	4	21	3	6	21	4	8	14	21	5	10	21	7	0	21	8	2		
15	22	8	6	22	9	9	22	11	0	15	23	0	3	23	1	6	23	2	9		
16	24	2	8	24	4	0	24	5	4	16	24	6	8	24	8	0	24	9	4		
17	25	8	10	25	10	3	25	11	8	17	26	1	1	26	2	6	26	3	11		
18	27	3	0	27	4	6	27	6	0	18	27	7	6	27	9	0	27	10	6		
19	28	9	2	28	10	9	29	0	4	19	29	1	11	29	3	6	29	5	1		
20	30	3	4	30	5	0	30	6	8	20	30	8	4	30	10	0	30	11	8		
21	31	9	6	31	11	3	32	1	0	21	32	2	9	32	4	6	32	6	3		
22	33	3	8	33	5	6	33	7	4	22	33	9	2	33	11	0	34	0	10		
23	34	9	10	34	11	9	35	1	8	23	35	3	7	35	5	6	35	7	5		
24	36	4	0	36	6	0	36	8	0	24	36	10	0	37	0	0	37	2	0		
25	37	10	2	38	0	3	38	2	4	25	38	4	5	38	6	6	38	8	7		
26	39	4	4	39	6	6	39	8	8	26	39	10	10	40	1	0	40	3	2		
27	40	10	6	41	0	9	41	3	0	27	41	5	3	41	7	6	41	9	9		
28	42	4	8	42	7	0	42	9	4	28	42	11	8	43	2	0	43	4	4		
29	43	10	10	44	1	3	44	3	8	29	44	6	1	44	8	6	44	10	11		
30	45	5	0	45	7	6	45	10	0	30	46	0	6	46	3	0	46	5	6		
31	46	11	2	47	1	9	47	4	4	31	47	6	11	47	9	6	48	0	1		
32	48	5	4	48	8	0	48	10	8	32	49	1	4	49	4	0	49	6	8		
33	49	11	6	50	2	3	50	5	0	33	50	7	9	50	10	6	51	1	3		
34	51	5	8	51	8	6	51	11	4	34	52	2	2	52	5	0	52	7	10		
35	52	11	10	53	2	9	53	5	8	35	53	8	7	53	11	6	54	2	5		
50	75	8	4	76	0	6	76	4	8	50	76	8	10	77	1	0	77	5	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	6	2	0	1	6	3	0	1	6	4	1	0	1	6	5	0	1	6	7
2	0	3	0	4	0	3	0	6	0	3	0	8	2	0	3	0	10	0	3	1	2
3	0	4	6	6	0	4	6	9	0	4	7	0	3	0	4	7	6	0	4	7	9
4	0	6	0	8	0	6	1	0	0	6	1	4	4	0	6	1	8	0	6	2	4
5	0	7	6	10	0	7	7	3	0	7	7	8	5	0	7	8	10	0	7	8	11
6	0	9	1	0	0	9	1	6	0	9	2	0	6	0	9	2	6	0	9	3	6
7	0	10	7	2	0	10	7	9	0	10	8	4	7	0	10	8	11	0	10	9	6
8	1	0	1	4	1	0	2	0	1	0	2	8	8	1	0	3	4	1	0	4	8
9	1	1	7	6	1	1	8	3	1	1	9	0	9	1	1	9	9	1	1	10	3
10	1	3	1	8	1	3	2	6	1	3	3	4	10	1	3	4	2	1	3	5	10
11	1	4	7	10	1	4	8	9	1	4	9	8	11	1	4	10	7	1	4	11	6

Length.	Area 224			Area 225			Area 226			Length.	Area 227			Area 228			Area 229				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	6	8	1	6	9	1	6	10	1	1	6	11	1	7	0	1	7	1		
2	3	1	4	3	1	6	3	1	8	2	3	1	10	3	2	0	3	2	2		
3	4	8	0	4	8	3	4	8	6	3	4	8	9	4	9	0	4	9	3		
4	6	2	8	6	3	0	6	3	4	4	6	3	8	6	4	0	6	4	4		
5	7	9	4	7	9	9	7	10	2	5	7	10	7	7	11	0	7	11	5		
6	9	4	0	9	4	6	9	5	0	6	9	5	6	9	6	0	9	6	6		
7	10	10	8	10	11	3	10	11	10	7	11	0	5	11	1	0	11	1	7		
8	12	5	4	12	6	0	12	6	8	8	12	7	4	12	8	0	12	8	8		
9	14	0	0	14	0	9	14	1	6	9	14	2	3	14	3	0	14	3	9		
10	15	6	8	15	7	6	15	8	4	10	15	9	2	15	10	0	15	10	10		
11	17	1	4	17	2	3	17	3	2	11	17	4	1	17	5	0	17	5	11		
12	18	8	0	18	9	0	18	10	0	12	18	11	0	19	0	0	19	1	0		
13	20	2	8	20	3	9	20	4	10	13	20	5	11	20	7	0	20	8	1		
14	21	9	4	21	10	6	21	11	8	14	22	0	10	22	2	0	22	3	2		
15	23	4	0	23	5	3	23	6	6	15	23	7	9	23	9	0	23	10	3		
16	24	10	8	25	0	0	25	1	4	16	25	2	8	25	4	0	25	5	4		
17	26	5	4	26	6	9	26	8	2	17	26	9	7	26	11	0	27	0	5		
18	28	0	0	28	1	6	28	3	0	18	28	4	6	28	6	0	28	7	6		
19	29	6	8	29	8	3	29	9	10	19	29	11	5	30	1	0	30	2	7		
20	31	1	4	31	3	0	31	4	8	20	31	6	4	31	8	0	31	9	8		
21	32	8	0	32	9	9	32	11	6	21	33	1	3	33	3	0	33	4	9		
22	34	2	8	34	4	6	34	6	4	22	34	8	2	34	10	0	34	11	10		
23	35	9	4	35	11	3	36	1	2	23	36	3	1	36	5	0	36	6	11		
24	37	4	0	37	6	0	37	8	0	24	37	10	0	38	0	0	38	2	0		
25	38	10	8	39	0	9	39	2	10	25	39	4	11	39	7	0	39	9	1		
26	40	5	4	40	7	6	40	9	8	26	40	11	10	41	2	0	41	4	2		
27	42	0	0	42	2	3	42	4	6	27	42	6	9	42	9	0	42	11	3		
28	43	6	8	43	9	0	43	11	4	28	44	1	8	44	4	0	44	6	4		
29	45	1	4	45	3	9	45	6	2	29	45	8	7	45	11	0	46	1	5		
30	46	8	0	46	10	6	47	1	0	30	47	3	6	47	6	0	47	8	6		
31	48	2	8	48	5	3	48	7	10	31	48	10	5	49	1	0	49	3	7		
32	49	9	4	50	0	0	50	2	8	32	50	5	4	50	8	0	50	10	8		
33	51	4	0	51	6	9	51	9	6	33	52	0	3	52	3	0	52	5	9		
34	52	10	8	53	1	6	53	4	4	34	53	7	2	53	10	0	54	0	10		
35	54	5	4	54	8	3	54	11	2	35	55	2	1	55	5	0	55	7	11		
50	77	9	4	78	1	6	78	5	8	50	78	9	10	79	2	0	79	6	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	1	6	8	0	1	6	9	0	1	6	10	1	0	1	6	11	0	1	7	1
2	0	3	1	4	0	3	1	6	0	3	1	8	2	0	3	1	10	0	3	2	2
3	0	4	8	0	0	4	8	3	0	4	8	6	3	0	4	8	9	0	4	9	3
4	0	6	2	8	0	6	3	0	0	6	3	4	4	0	6	3	8	0	6	4	4
5	0	7	9	4	0	7	9	9	0	7	10	2	5	0	7	10	7	0	7	11	5
6	0	9	4	0	0	9	4	6	0	9	5	0	6	0	9	5	6	0	9	6	6
7	0	10	10	8	0	10	11	3	0	10	11	10	7	0	11	0	5	0	11	1	7
8	1	0	5	4	1	0	6	0	1	0	6	8	8	1	0	7	4	1	0	8	8
9	1	2	0	0	1	2	0	9	1	2	1	6	9	1	2	2	3	1	2	3	9
10	1	3	6	8	1	3	7	6	1	3	8	4	10	1	3	9	2	1	3	10	10
11	1	5	1	4	1	5	2	3	1	5	3	2	11	1	5	4	1	1	5	5	11

Length.	Area 230			Area 231			Area 232			Length.	Area 233			Area 234			Area 235				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	7	2	1	7	3	1	7	4	1	1	7	5	1	7	6	1	7	7		
2	3	2	4	3	2	6	3	2	8	2	3	2	10	3	3	0	3	3	2		
3	4	9	6	4	9	9	4	10	0	3	4	10	3	4	10	6	4	10	9		
4	6	4	8	6	5	0	6	5	4	4	6	5	8	6	6	0	6	6	4		
5	7	11	10	8	0	3	8	0	8	5	8	1	1	8	1	6	8	1	11		
6	9	7	0	9	7	6	9	8	0	6	9	8	6	9	9	0	9	9	6		
7	11	2	2	11	2	9	11	3	4	7	11	3	11	11	4	6	11	5	1		
8	12	9	4	12	10	0	12	10	8	8	12	11	4	13	0	0	13	0	8		
9	14	4	6	14	5	3	14	6	0	9	14	6	9	14	7	6	14	8	3		
10	15	11	8	16	0	6	16	1	4	10	16	2	2	16	3	0	16	3	10		
11	17	6	10	17	7	9	17	8	8	11	17	9	7	17	10	6	17	11	5		
12	19	2	0	19	3	0	19	4	0	12	19	5	0	19	6	0	19	7	0		
13	20	9	2	20	10	3	20	11	4	13	21	0	5	21	1	6	21	2	7		
14	22	4	4	22	5	6	22	6	8	14	22	7	10	22	9	0	22	10	2		
15	23	11	6	24	0	9	24	2	0	15	24	3	3	24	4	6	24	5	9		
16	25	6	8	25	8	0	25	9	4	16	25	10	8	26	0	0	26	1	4		
17	27	1	10	27	3	3	27	4	8	17	27	6	1	27	7	6	27	8	11		
18	28	9	0	28	10	6	29	0	0	18	29	1	6	29	3	0	29	4	6		
19	30	4	2	30	5	9	30	7	4	19	30	8	11	30	10	6	31	0	1		
20	31	11	4	32	1	0	32	2	8	20	32	4	4	32	6	0	32	7	8		
21	33	6	6	33	8	3	33	10	0	21	33	11	9	34	1	6	34	3	3		
22	35	1	8	35	3	6	35	5	4	22	35	7	2	35	9	0	35	10	10		
23	36	8	10	36	10	9	37	0	8	23	37	2	7	37	4	6	37	6	5		
24	38	4	0	38	6	0	38	8	0	24	38	10	0	39	0	0	39	2	0		
25	39	11	2	40	1	3	40	3	4	25	40	5	5	40	7	6	40	9	7		
26	41	6	4	41	8	6	41	10	8	26	42	0	10	42	3	0	42	5	2		
27	43	1	6	43	3	9	43	6	0	27	43	8	3	43	10	6	44	0	9		
28	44	8	8	44	11	0	45	1	4	28	45	3	8	45	6	0	45	8	4		
29	46	3	10	46	6	3	46	8	8	29	46	11	1	47	1	6	47	3	11		
30	47	11	0	48	1	6	48	4	0	30	48	6	6	48	9	0	48	11	6		
31	49	6	2	49	8	9	49	11	4	31	50	1	11	50	4	6	50	7	1		
32	51	1	4	51	4	0	51	6	8	32	51	9	4	52	0	0	52	2	8		
33	52	8	6	52	11	3	53	2	0	33	53	4	9	53	7	6	53	10	3		
34	54	3	8	54	6	6	54	9	4	34	55	0	2	55	3	0	55	5	10		
35	55	10	10	56	1	9	56	4	8	35	56	7	7	56	10	6	57	1	5		
50	79	10	4	80	2	6	80	6	8	50	80	10	10	81	3	0	81	7	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	7	2	0	1	7	3	0	1	7	4	1	0	1	7	5	0	1	7	7
2	0	3	2	4	0	3	2	6	0	3	2	8	2	0	3	3	0	0	3	3	2
3	0	4	9	6	0	4	9	9	0	4	10	0	3	0	4	10	6	0	4	10	9
4	0	6	4	8	0	6	5	0	0	6	5	4	4	0	6	6	0	0	6	6	4
5	0	7	11	10	0	8	0	3	0	8	0	8	5	0	8	1	6	0	8	1	11
6	0	9	7	0	0	9	7	6	0	9	8	0	6	0	9	8	6	0	9	9	6
7	0	11	2	2	0	11	2	9	0	11	3	4	7	0	11	4	6	0	11	5	1
8	1	0	9	4	1	0	10	0	1	0	10	8	8	1	1	0	0	1	1	0	8
9	1	2	4	6	1	2	5	3	1	2	6	0	9	1	2	7	6	1	2	8	3
10	1	3	11	8	1	4	0	6	1	4	1	4	10	1	4	3	0	1	4	3	10
11	1	5	6	10	1	5	7	9	1	5	8	8	11	1	5	10	6	1	5	11	5



Length.	Area 236			Area 237			Area 238			Length.	Area 239			Area 240			Area 241				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	7	8	1	7	9	1	7	10	1	1	7	11	1	8	0	1	8	1		
2	3	3	4	3	3	6	3	3	8	2	3	3	10	3	4	0	3	4	2		
3	4	11	0	4	11	3	4	11	6	3	4	11	9	5	0	0	5	0	3		
4	6	6	8	6	7	0	6	7	4	4	6	7	8	6	8	0	6	8	4		
5	8	2	4	8	2	9	8	3	2	5	8	3	7	8	4	0	8	4	5		
6	9	10	0	9	10	6	9	11	0	6	9	11	6	10	0	0	10	0	6		
7	11	5	8	11	6	3	11	6	10	7	11	7	5	11	8	0	11	8	7		
8	13	1	4	13	2	0	13	2	8	8	13	3	4	13	4	0	13	4	8		
9	14	9	0	14	9	9	14	10	6	9	14	11	3	15	0	0	15	0	9		
10	16	4	8	16	5	6	16	6	4	10	16	7	2	16	8	0	16	8	10		
11	18	0	4	18	1	3	18	2	2	11	18	3	1	18	4	0	18	4	11		
12	19	8	0	19	9	0	19	10	0	12	19	11	0	20	0	0	20	1	0		
13	21	3	8	21	4	9	21	5	10	13	21	6	11	21	8	0	21	9	1		
14	22	11	4	23	0	6	23	1	8	14	23	2	10	23	4	0	23	5	2		
15	24	7	0	24	8	3	24	9	6	15	24	10	9	25	0	0	25	1	3		
16	26	2	8	26	4	0	26	5	4	16	26	6	8	26	8	0	26	9	4		
17	27	10	4	27	11	9	28	1	2	17	28	2	7	28	4	0	28	5	5		
18	29	6	0	29	7	6	29	9	0	18	29	10	6	30	0	0	30	1	6		
19	31	1	8	31	3	3	31	4	10	19	31	6	5	31	8	0	31	9	7		
20	32	9	4	32	11	0	33	0	8	20	33	2	4	33	4	0	33	5	8		
21	34	5	0	34	6	9	34	8	6	21	34	10	3	35	0	0	35	1	9		
22	36	0	8	36	2	6	36	4	4	22	36	6	2	36	8	0	36	9	10		
23	37	8	4	37	10	3	38	0	2	23	38	2	1	38	4	0	38	5	11		
24	39	4	0	39	6	0	39	8	0	24	39	10	0	40	0	0	40	2	0		
25	40	11	8	41	1	9	41	3	10	25	41	5	11	41	8	0	41	10	1		
26	42	7	4	42	9	6	42	11	8	26	43	1	10	43	4	0	43	6	2		
27	44	3	0	44	5	3	44	7	6	27	44	9	9	45	0	0	45	2	3		
28	45	10	8	46	1	0	46	3	4	28	46	5	8	46	8	0	46	10	4		
29	47	6	4	47	8	9	47	11	2	29	48	1	7	48	4	0	48	6	5		
30	49	2	0	49	4	6	49	7	0	30	49	9	6	50	0	0	50	2	6		
31	50	9	8	51	0	3	51	2	10	31	51	5	5	51	8	0	51	10	7		
32	52	5	4	52	8	0	52	10	8	32	53	1	4	53	4	0	53	6	8		
33	54	1	0	54	3	9	54	6	6	33	54	9	3	55	0	0	55	2	9		
34	55	8	8	55	11	6	56	2	4	34	56	5	2	56	8	0	56	10	10		
35	57	4	4	57	7	3	57	10	2	35	58	1	1	58	4	0	58	6	11		
50	81	11	4	82	3	6	82	7	8	50	82	11	10	83	4	0	83	8	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	7	8	0	1	7	9	0	1	7	10	1	0	1	8	0	1	8	1	
2	0	3	3	4	0	3	3	6	0	3	3	8	2	0	3	4	0	0	3	4	2
3	0	4	11	0	0	4	11	3	0	4	11	6	3	0	4	11	9	0	5	0	3
4	0	6	6	8	0	6	7	0	0	6	7	4	4	0	6	8	0	0	6	8	4
5	0	8	2	4	0	8	2	9	0	8	3	2	5	0	8	4	0	0	8	4	5
6	0	9	10	0	0	9	10	6	0	9	11	0	6	0	9	11	6	0	10	0	6
7	0	11	5	8	0	11	6	3	0	11	6	10	7	0	11	7	5	0	11	8	7
8	1	1	1	4	1	1	2	0	1	1	2	8	8	1	1	3	4	1	1	4	8
9	1	2	9	0	1	2	9	1	2	10	6	9	9	1	2	11	3	1	3	0	9
10	1	4	4	8	1	4	5	6	1	4	6	4	10	1	4	7	2	1	4	8	10
11	1	6	0	4	1	6	1	3	1	6	2	2	11	1	6	3	1	1	6	4	11



Length.	Area 242			Area 243			Area 244			Length.	Area 245			Area 246			Area 247				
	Feet.	F.	I. P.	F.	I. P.	F.	I. P.	Feet.	F.		I. P.	F.	I. P.	F.	I. P.						
1	1	8	2	1	8	3	1	8	4	1	1	8	5	1	8	6	1	8	7		
2	3	4	4	3	4	6	3	4	8	2	3	4	10	3	5	0	3	5	2		
3	5	0	6	5	0	9	5	1	0	3	5	1	3	5	1	6	5	1	9		
4	6	8	8	6	9	0	6	9	4	4	6	9	8	6	10	0	6	10	4		
5	8	4	10	8	5	3	8	5	8	5	8	6	1	8	6	6	8	6	11		
6	10	1	0	10	1	6	10	2	0	6	10	2	6	10	3	0	10	3	6		
7	11	9	2	11	9	9	11	10	4	7	11	10	11	11	11	6	12	0	1		
8	13	5	4	13	6	0	13	6	8	8	13	7	4	13	8	0	13	8	8		
9	15	1	6	15	2	3	15	3	0	9	15	3	9	15	4	6	15	5	3		
10	16	9	8	16	10	6	16	11	4	10	17	0	2	17	1	0	17	1	10		
11	18	5	10	18	6	9	18	7	8	11	18	8	7	18	9	6	18	10	5		
12	20	2	0	20	3	0	20	4	0	12	20	5	0	20	6	0	20	7	0		
13	21	10	2	21	11	3	22	0	4	13	22	1	5	22	2	6	22	3	7		
14	23	6	4	23	7	6	23	8	8	14	23	9	10	23	11	0	24	0	2		
15	25	2	6	25	3	9	25	5	0	15	25	6	3	25	7	6	25	8	9		
16	26	10	8	27	0	0	27	1	4	16	27	2	8	27	4	0	27	5	4		
17	28	6	10	28	8	3	28	9	8	17	28	11	1	29	0	6	29	1	11		
18	30	3	0	30	4	6	30	6	0	18	30	7	6	30	9	0	30	10	6		
19	31	11	2	32	0	9	32	2	4	19	32	3	11	32	5	6	32	7	1		
20	33	7	4	33	9	0	33	10	8	20	34	0	4	34	2	0	34	3	8		
21	35	3	6	35	5	3	35	7	0	21	35	8	9	35	10	6	36	0	3		
22	36	11	8	37	1	6	37	3	4	22	37	5	2	37	7	0	37	8	10		
23	38	7	10	38	9	9	38	11	8	23	39	1	7	39	3	6	39	5	5		
24	40	4	0	40	6	0	40	8	0	24	40	10	0	41	0	0	41	2	0		
25	42	0	2	42	2	3	42	4	4	25	42	6	5	42	8	6	42	10	7		
26	43	8	4	43	10	6	44	0	8	26	44	2	10	44	5	0	44	7	2		
27	45	4	6	45	6	9	45	9	0	27	45	11	3	46	1	6	46	3	9		
28	47	0	8	47	3	0	47	5	4	28	47	7	8	47	10	0	48	0	4		
29	48	8	10	48	11	3	49	1	8	29	49	4	1	49	6	6	49	8	11		
30	50	5	0	50	7	6	50	10	0	30	51	0	6	51	3	0	51	5	6		
31	52	1	2	52	3	9	52	6	4	31	52	8	11	52	11	6	53	2	1		
32	53	9	4	54	0	0	54	2	8	32	54	5	4	54	8	0	54	10	8		
33	55	5	6	55	8	3	55	11	0	33	56	1	9	56	4	6	56	7	3		
34	57	1	8	57	4	6	57	7	4	34	57	10	2	58	1	0	58	3	10		
35	58	9	10	59	0	9	59	3	8	35	59	6	7	59	9	6	60	0	5		
50	84	0	4	84	4	6	84	8	8	50	85	0	10	85	5	0	85	9	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	8	2	0	1	8	3	0	1	8	4	0	1	8	5	0	1	8	6	
2	0	3	4	4	0	3	4	6	0	3	4	8	0	3	5	0	0	3	5	2	
3	0	5	0	6	0	5	0	9	0	5	1	0	0	5	1	6	0	5	1	9	
4	0	6	8	8	0	6	9	0	0	6	9	4	0	6	9	8	0	6	10	4	
5	0	8	4	10	0	8	5	3	0	8	5	8	0	8	6	1	0	8	6	11	
6	0	10	1	0	0	10	1	6	0	10	2	0	0	10	3	0	0	10	3	6	
7	0	11	9	2	0	11	9	9	0	11	10	4	0	11	11	6	1	0	0	1	
8	1	1	5	4	1	1	6	0	1	1	6	8	0	1	1	8	0	1	1	8	8
9	1	3	1	6	1	3	2	3	1	3	3	0	0	1	3	4	6	1	3	5	3
10	1	4	9	8	1	4	10	6	1	4	11	4	0	1	5	1	0	1	5	1	10
11	1	6	5	10	1	6	6	9	1	6	7	8	0	1	6	9	6	1	6	10	5

Length.	Area 248			Area 249			Area 250			Length.	Area 251			Area 252			Area 253				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	8	8	1	8	9	1	8	10	1	1	8	11	1	9	0	1	9	1		
2	3	5	4	3	5	6	3	5	8	2	3	5	10	3	6	0	3	6	2		
3	5	2	0	5	2	3	5	2	6	3	5	2	9	5	3	0	5	3	3		
4	6	10	8	6	11	0	6	11	4	4	6	11	8	7	0	0	7	0	4		
5	8	7	4	8	7	9	8	8	2	5	8	8	7	8	9	0	8	9	5		
6	10	4	0	10	4	6	10	5	0	6	10	5	6	10	6	0	10	6	6		
7	12	0	8	12	1	3	12	1	10	7	12	2	5	12	3	0	12	3	7		
8	13	9	4	13	10	0	13	10	8	8	13	11	4	14	0	0	14	0	8		
9	15	6	0	15	6	9	15	7	6	9	15	8	3	15	9	0	15	9	9		
10	17	2	8	17	3	6	17	4	4	10	17	5	2	17	6	0	17	6	10		
11	18	11	4	19	0	3	19	1	2	11	19	2	1	19	3	0	19	3	11		
12	20	8	0	20	9	0	20	10	0	12	20	11	0	21	0	0	21	1	0		
13	22	4	8	22	5	9	22	6	10	13	22	7	11	22	9	0	22	10	1		
14	24	1	4	24	2	6	24	3	8	14	24	4	10	24	6	0	24	7	2		
15	25	10	0	25	11	3	26	0	6	15	26	1	9	26	3	0	26	4	3		
16	27	6	8	27	8	0	27	9	4	16	27	10	8	28	0	0	28	1	4		
17	29	3	4	29	4	9	29	6	2	17	29	7	7	29	9	0	29	10	5		
18	31	0	0	31	1	6	31	3	0	18	31	4	6	31	6	0	31	7	6		
19	32	8	8	32	10	3	32	11	10	19	33	1	5	33	3	0	33	4	7		
20	34	5	4	34	7	0	34	8	8	20	34	10	4	35	0	0	35	1	8		
21	36	2	0	36	3	9	36	5	6	21	36	7	3	36	9	0	36	10	9		
22	37	10	8	38	0	6	38	2	4	22	38	4	2	38	6	0	38	7	10		
23	39	7	4	39	9	3	39	11	2	23	40	1	1	40	3	0	40	4	11		
24	41	4	0	41	6	0	41	8	0	24	41	10	0	42	0	0	42	2	0		
25	43	0	8	43	2	9	43	4	10	25	43	6	11	43	9	0	43	11	1		
26	44	9	4	44	11	6	45	1	8	26	45	3	10	45	6	0	45	8	2		
27	46	6	0	46	8	3	46	10	6	27	47	0	9	47	3	0	47	5	3		
28	48	2	8	48	5	0	48	7	4	28	48	9	8	49	0	0	49	2	4		
29	49	11	4	50	1	9	50	4	2	29	50	6	7	50	9	0	50	11	5		
30	51	8	0	51	10	6	52	1	0	30	52	3	6	52	6	0	52	8	6		
31	53	4	8	53	7	3	53	9	10	31	54	0	5	54	3	0	54	5	7		
32	55	1	4	55	4	0	55	6	8	32	55	9	4	56	0	0	56	2	8		
33	56	10	0	57	0	9	57	3	6	33	57	6	3	57	9	0	57	11	9		
34	58	6	8	58	9	6	59	0	4	34	59	3	2	59	6	0	59	8	10		
35	60	3	4	60	6	3	60	9	2	35	61	0	1	61	3	0	61	5	11		
50	86	1	4	86	5	6	86	9	8	50	87	1	10	87	6	0	87	10	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	8	80	0	1	8	90	0	1	8	10	1	0	1	9	0	1	9	1	
2	0	3	5	40	0	3	5	60	0	3	5	8	2	0	3	5	10	0	3	6	2
3	0	5	2	00	0	5	2	30	0	5	2	6	3	0	5	2	90	0	5	3	3
4	0	6	10	80	0	6	11	00	0	6	11	4	4	0	6	11	80	0	7	0	4
5	0	8	7	40	0	8	7	90	0	8	8	2	5	0	8	8	70	0	8	9	5
6	0	10	4	00	0	10	4	60	0	10	5	0	6	0	10	5	60	10	6	0	6
7	1	0	0	81	0	1	3	1	0	1	10	8	7	1	0	3	0	1	0	3	7
8	1	1	9	41	1	10	0	1	1	10	8	8	1	1	11	4	1	2	0	1	8
9	1	3	6	01	1	3	6	91	1	3	7	6	9	1	3	8	31	3	9	0	9
10	1	5	2	81	1	5	3	61	1	5	4	4	10	1	5	5	21	5	6	0	10
11	1	6	11	41	1	7	0	31	1	7	1	2	11	1	7	2	11	7	3	0	11

Length.	Area 254			Area 255			Area 256			Length.	Area 257			Area 258			Area 259				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	9	2	1	9	3	1	9	4	1	1	9	5	1	9	6	1	9	7		
2	3	6	4	3	6	6	3	6	8	2	3	6	10	3	7	0	3	7	2		
3	5	3	6	5	3	9	5	4	0	3	5	4	3	5	4	6	5	4	9		
4	7	0	8	7	1	0	7	1	4	4	7	1	8	7	2	0	7	2	4		
5	8	9	10	8	10	3	8	10	8	5	8	11	1	8	11	6	8	11	11		
6	10	7	0	10	7	6	10	8	0	6	10	8	6	10	9	0	10	9	6		
7	12	4	2	12	4	9	12	5	4	7	12	5	11	12	6	6	12	7	1		
8	14	1	4	14	2	0	14	2	8	8	14	3	4	14	4	0	14	4	8		
9	15	10	6	15	11	3	16	0	0	9	16	0	9	16	1	6	16	2	3		
10	17	7	8	17	8	6	17	9	4	10	17	10	2	17	11	0	17	11	10		
11	19	4	10	19	5	9	19	6	8	11	19	7	7	19	8	6	19	9	5		
12	21	2	0	21	3	0	21	4	0	12	21	5	0	21	6	0	21	7	0		
13	22	11	2	23	0	3	23	1	4	13	23	2	5	23	3	6	23	4	7		
14	24	8	4	24	9	6	24	10	8	14	24	11	10	25	1	0	25	2	2		
15	26	5	6	26	6	9	26	8	0	15	26	9	3	26	10	6	26	11	9		
16	28	2	8	28	4	0	28	5	4	16	28	6	8	28	8	0	28	9	4		
17	29	11	10	30	1	3	30	2	8	17	30	4	1	30	5	6	30	6	11		
18	31	9	0	31	10	6	32	0	0	18	32	1	6	32	3	0	32	4	6		
19	33	6	2	33	7	9	33	9	4	19	33	10	11	34	0	6	34	2	1		
20	35	3	4	35	5	0	35	6	8	20	35	8	4	35	10	0	35	11	8		
21	37	0	6	37	2	3	37	4	0	21	37	5	9	37	7	6	37	9	3		
22	38	9	8	38	11	6	39	1	4	22	39	3	2	39	5	0	39	6	10		
23	40	6	10	40	8	9	40	10	8	23	41	0	7	41	2	6	41	4	5		
24	42	4	0	42	6	0	42	8	0	24	42	10	0	43	0	0	43	2	0		
25	44	1	2	44	3	3	44	5	4	25	44	7	5	44	9	6	44	11	7		
26	45	10	4	46	0	6	46	2	8	26	46	4	10	46	7	0	46	9	2		
27	47	7	6	47	9	9	48	0	0	27	48	2	3	48	4	6	48	6	9		
28	49	4	8	49	7	0	49	9	4	28	49	11	8	50	2	0	50	4	4		
29	51	1	10	51	4	3	51	6	8	29	51	9	1	51	11	6	52	1	11		
30	52	11	0	53	1	6	53	4	0	30	53	6	6	53	9	0	53	11	6		
31	54	8	2	54	10	9	55	1	4	31	55	3	11	55	6	6	55	9	1		
32	56	5	4	56	8	0	56	10	8	32	57	1	4	57	4	0	57	6	8		
33	58	2	6	58	5	3	58	8	0	33	58	10	9	59	1	6	59	4	3		
34	59	11	8	60	2	6	60	5	4	34	60	8	2	60	11	0	61	1	10		
35	61	8	10	61	11	9	62	2	8	35	62	5	7	62	8	6	62	11	5		
50	88	2	4	88	6	6	88	10	8	50	89	2	10	89	7	0	89	11	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	9	2	0	1	9	3	0	1	9	4	1	0	1	9	5	0	1	9	7
2	0	3	6	4	0	3	6	6	0	3	6	8	2	0	3	7	0	0	3	7	2
3	0	5	3	6	0	5	3	9	0	5	4	0	3	0	5	4	6	0	5	4	9
4	0	7	0	8	0	7	1	0	0	7	1	4	4	0	7	2	0	0	7	2	4
5	0	8	9	10	0	8	10	3	0	8	10	8	5	0	8	11	6	0	8	11	11
6	0	10	7	0	0	10	7	6	0	10	8	0	6	0	10	8	6	0	10	9	6
7	1	0	4	2	1	0	4	9	1	0	5	4	7	1	0	6	6	1	0	7	1
8	1	2	1	4	1	2	2	0	1	2	2	8	8	1	2	3	4	1	2	4	8
9	1	3	10	6	1	3	11	3	1	4	0	0	9	1	4	1	6	1	4	2	3
10	1	5	7	8	1	5	8	6	1	5	9	4	10	1	5	10	2	1	5	11	10
11	1	7	4	10	1	7	5	9	1	7	6	8	11	1	7	8	6	1	7	9	5

Length.	Area 260			Area 261			Area 262			Length.	Area 263			Area 264			Area 265				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	9	8	1	9	9	1	9	10	1	1	9	11	1	10	0	1	10	1		
2	3	7	4	3	7	6	3	7	8	2	3	7	10	3	8	0	3	8	2		
3	5	5	0	5	5	3	5	5	6	3	5	5	9	5	6	0	5	6	3		
4	7	2	8	7	3	0	7	3	4	4	7	3	8	7	4	0	7	4	4		
5	9	0	4	9	0	9	9	1	2	5	9	1	7	9	2	0	9	2	5		
6	10	10	0	10	10	6	10	11	0	6	10	11	6	11	0	0	11	0	6		
7	12	7	8	12	8	3	12	8	10	7	12	9	5	12	10	0	12	10	7		
8	14	5	4	14	6	0	14	6	8	8	14	7	4	14	8	0	14	8	8		
9	16	3	0	16	3	9	16	4	6	9	16	5	3	16	6	0	16	6	9		
10	18	0	8	18	1	6	18	2	4	10	18	3	2	18	4	0	18	4	10		
11	19	10	4	19	11	3	20	0	2	11	20	1	1	20	2	0	20	2	11		
12	21	8	0	21	9	0	21	10	0	12	21	11	0	22	0	0	22	1	0		
13	23	5	8	23	6	9	23	7	10	13	23	8	11	23	10	0	23	11	1		
14	25	3	4	25	4	6	25	5	8	14	25	6	10	25	8	0	25	9	2		
15	27	1	0	27	2	3	27	3	6	15	27	4	9	27	6	0	27	7	3		
16	28	10	8	29	0	0	29	1	4	16	29	2	8	29	4	0	29	5	4		
17	30	8	4	30	9	9	30	11	2	17	31	0	7	31	2	0	31	3	5		
18	32	6	0	32	7	6	32	9	0	18	32	10	6	33	0	0	33	1	6		
19	34	3	8	34	5	3	34	6	10	19	34	8	5	34	10	0	34	11	7		
20	36	1	4	36	3	0	36	4	8	20	36	6	4	36	8	0	36	9	8		
21	37	11	0	38	0	9	38	2	6	21	38	4	3	38	6	0	38	7	9		
22	39	8	8	39	10	6	40	0	4	22	40	2	2	40	4	0	40	5	10		
23	41	6	4	41	8	3	41	10	2	23	42	0	1	42	2	0	42	3	11		
24	43	4	0	43	6	0	43	8	0	24	43	10	0	44	0	0	44	2	0		
25	45	1	8	45	3	9	45	5	10	25	45	7	11	45	10	0	46	0	1		
26	46	11	4	47	1	6	47	3	8	26	47	5	10	47	8	0	47	10	2		
27	48	9	0	48	11	3	49	1	6	27	49	3	9	49	6	0	49	8	3		
28	50	6	8	50	9	0	50	11	4	28	51	1	8	51	4	0	51	6	4		
29	52	4	4	52	6	9	52	9	2	29	52	11	7	53	2	0	53	4	5		
30	54	2	0	54	4	6	54	7	0	30	54	9	6	55	0	0	55	2	6		
31	55	11	3	56	2	3	56	4	10	31	56	7	5	56	10	0	57	0	7		
32	57	9	4	58	0	0	58	2	8	32	58	5	4	58	8	0	58	10	8		
33	59	7	0	59	9	9	60	0	6	33	60	3	3	60	6	0	60	8	9		
34	61	4	8	61	7	6	61	10	4	34	62	1	2	62	4	0	62	6	10		
35	63	2	4	63	5	3	63	8	2	35	63	11	1	64	2	0	64	4	11		
50	90	3	4	90	7	6	90	11	8	50	91	3	10	91	8	0	92	0	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	1	9	8	0	1	9	9	0	1	9	10	1	0	1	9	11	0	1	10	1
2	0	3	7	4	0	3	7	6	0	3	7	8	2	0	3	7	10	0	3	8	2
3	0	5	5	0	0	5	5	3	0	5	5	6	3	0	5	5	9	0	5	6	3
4	0	7	2	8	0	7	3	0	0	7	3	4	4	0	7	3	8	0	7	4	4
5	0	9	0	4	0	9	0	9	0	9	1	2	5	0	9	1	7	0	9	2	5
6	0	10	10	0	0	10	10	6	0	10	11	0	6	0	10	11	6	0	11	0	6
7	1	0	7	8	1	0	8	3	1	0	8	10	7	1	0	9	5	1	0	10	7
8	1	2	5	4	1	2	6	0	1	2	6	8	8	1	2	7	4	1	2	8	8
9	1	4	3	0	1	4	3	9	1	4	4	6	9	1	4	5	3	1	4	6	9
10	1	6	0	8	1	6	1	6	1	6	2	4	10	1	6	3	2	1	6	4	10
11	1	7	10	4	1	7	11	3	1	8	0	2	11	1	8	1	1	1	8	2	11



Length.	Area 266			Area 267			Area 268			Length.	Area 269			Area 270			Area 271				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	10	2	1	10	3	1	10	4	1	1	10	5	1	10	6	1	10	7		
2	3	8	4	3	8	6	3	8	8	2	3	8	10	3	9	0	3	9	2		
3	5	6	6	5	6	9	5	7	0	3	5	7	3	5	7	6	5	7	9		
4	7	4	8	7	5	0	7	5	4	4	7	5	8	7	6	0	7	6	4		
5	9	2	10	9	3	3	9	3	8	5	9	4	1	9	4	6	9	4	11		
6	11	1	0	11	1	6	11	2	0	6	11	2	6	11	3	0	11	3	6		
7	12	11	2	12	11	9	13	0	4	7	13	0	11	13	1	6	13	2	1		
8	14	9	4	14	10	0	14	10	8	8	14	11	4	15	0	0	15	0	8		
9	16	7	6	16	8	3	16	9	0	9	16	9	9	16	10	6	16	11	3		
10	18	5	8	18	6	6	18	7	4	10	18	8	2	18	9	0	18	9	10		
11	20	3	10	20	4	9	20	5	8	11	20	6	7	20	7	6	20	8	5		
12	22	2	0	22	3	0	22	4	0	12	22	5	0	22	6	0	22	7	0		
13	24	0	2	24	1	3	24	2	4	13	24	3	5	24	4	6	24	5	7		
14	25	10	4	25	11	6	26	0	8	14	26	1	10	26	3	0	26	4	2		
15	27	8	6	27	9	9	27	11	0	15	28	0	3	28	1	6	28	2	9		
16	29	6	8	29	8	0	29	9	4	16	29	10	8	30	0	0	30	1	4		
17	31	4	10	31	6	3	31	7	8	17	31	9	1	31	10	6	31	11	11		
18	33	3	0	33	4	6	33	6	0	18	33	7	6	33	9	0	33	10	6		
19	35	1	2	35	2	9	35	4	4	19	35	5	11	35	7	6	35	9	1		
20	36	11	4	37	1	0	37	2	8	20	37	4	4	37	6	0	37	7	8		
21	38	9	6	38	11	3	39	1	0	21	39	2	9	39	4	6	39	6	3		
22	40	7	8	40	9	6	40	11	4	22	41	1	2	41	3	0	41	4	10		
23	42	5	10	42	7	9	42	9	8	23	42	11	7	43	1	6	43	3	5		
24	44	4	0	44	6	0	44	8	0	24	44	10	0	45	0	0	45	2	0		
25	46	2	2	46	4	3	46	6	4	25	46	8	5	46	10	6	47	0	7		
26	48	0	4	48	2	6	48	4	8	26	48	6	10	48	9	0	48	11	2		
27	49	10	6	50	0	9	50	3	0	27	50	5	3	50	7	6	50	9	9		
28	51	8	8	51	11	0	52	1	4	28	52	3	8	52	6	0	52	8	4		
29	53	6	10	53	9	3	53	11	8	29	54	2	1	54	4	6	54	6	11		
30	55	5	0	55	7	6	55	10	0	30	56	0	6	56	3	0	56	5	6		
31	57	3	2	57	5	9	57	8	4	31	57	10	11	58	1	6	58	4	1		
32	59	1	4	59	4	0	59	6	8	32	59	9	4	60	0	0	60	2	8		
33	60	11	6	61	2	3	61	5	0	33	61	7	9	61	10	6	62	1	3		
34	62	9	8	63	0	6	63	3	4	34	63	6	2	63	9	0	63	11	10		
35	64	7	10	64	10	9	65	1	8	35	65	4	7	65	7	6	65	10	5		
50	92	4	4	92	8	6	93	0	8	50	93	4	10	93	9	0	94	1	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	1	10	2	0	1	10	3	0	1	10	4	1	0	1	10	5	0	1	10	7
2	0	3	8	4	0	3	8	6	0	3	8	8	2	0	3	8	10	0	3	9	2
3	0	5	6	6	0	5	6	9	0	5	7	0	3	0	5	7	3	0	5	7	9
4	0	7	4	8	0	7	5	0	0	7	5	4	4	0	7	5	8	0	7	6	4
5	0	9	2	10	0	9	3	3	0	9	3	8	5	0	9	4	10	0	9	4	11
6	0	11	1	0	0	11	1	6	0	11	2	0	6	0	11	3	0	0	11	3	6
7	1	0	11	2	1	0	11	9	1	1	0	4	7	1	1	0	11	1	1	2	1
8	1	2	9	4	1	2	10	0	1	2	10	8	8	1	2	11	4	1	3	0	8
9	1	4	7	6	1	4	8	3	1	4	9	0	9	1	4	9	1	4	10	6	1
10	1	6	5	8	1	6	6	6	1	6	7	4	10	1	6	8	2	1	6	9	10
11	1	8	3	10	1	8	4	9	1	8	5	8	11	1	8	6	7	1	8	8	5

Length.	Area 272			Area 273			Area 274			Length.	Area 275			Area 276			Area 277				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	1	10	8	1	10	9	1	10	10	1	1	10	11	1	11	0	1	11	1		
2	3	9	4	3	9	6	3	9	8	2	3	9	10	3	10	0	3	10	2		
3	5	8	0	5	8	3	5	8	6	3	5	8	9	5	9	0	5	9	3		
4	7	6	8	7	7	0	7	7	4	4	7	7	8	7	8	0	7	8	4		
5	9	5	4	9	5	9	9	6	2	5	9	6	7	9	7	0	9	7	5		
6	11	4	0	11	4	6	11	5	0	6	11	5	6	11	6	0	11	6	6		
7	13	2	8	13	3	3	13	3	10	7	13	4	5	13	5	0	13	5	7		
8	15	1	4	15	2	0	15	2	8	8	15	3	4	15	4	0	15	4	8		
9	17	0	0	17	0	9	17	1	6	9	17	2	3	17	3	0	17	3	9		
10	18	10	8	18	11	6	19	0	4	10	19	1	2	19	2	0	19	2	10		
11	20	9	4	20	10	3	20	11	2	11	21	0	1	21	1	0	21	1	11		
12	22	8	0	22	9	0	22	10	0	12	22	11	0	23	0	0	23	1	0		
13	24	6	8	24	7	9	24	8	10	13	24	9	11	24	11	0	25	0	1		
14	26	5	4	26	6	6	26	7	8	14	26	8	10	26	10	0	26	11	2		
15	28	4	0	28	5	3	28	6	6	15	28	7	9	28	9	0	28	10	3		
16	30	2	8	30	4	0	30	5	4	16	30	6	8	30	8	0	30	9	4		
17	32	1	4	32	2	9	32	4	2	17	32	5	7	32	7	0	32	8	5		
18	34	0	0	34	1	6	34	3	0	18	34	4	6	34	6	0	34	7	6		
19	35	10	8	36	0	3	36	1	10	19	36	3	5	36	5	0	36	6	7		
20	37	9	4	37	11	0	38	0	8	20	38	2	4	38	4	0	38	5	8		
21	39	8	0	39	9	9	39	11	6	21	40	1	3	40	3	0	40	4	9		
22	41	6	8	41	8	6	41	10	4	22	42	0	2	42	2	0	42	3	10		
23	43	5	4	43	7	3	43	9	2	23	43	11	1	44	1	0	44	2	11		
24	45	4	0	45	6	0	45	8	0	24	45	10	0	46	0	0	46	2	0		
25	47	2	8	47	4	9	47	6	10	25	47	8	11	47	11	0	48	1	1		
26	49	1	4	49	3	6	49	5	8	26	49	7	10	49	10	0	50	0	2		
27	51	0	0	51	2	3	51	4	6	27	51	6	9	51	9	0	51	11	3		
28	52	10	8	53	1	0	53	3	4	28	53	5	8	53	8	0	53	10	4		
29	54	9	4	54	11	9	55	2	2	29	55	4	7	55	7	0	55	9	5		
30	56	8	0	56	10	6	57	1	0	30	57	3	6	57	6	0	57	8	6		
31	58	6	8	58	9	3	58	11	10	31	59	2	5	59	5	0	59	7	7		
32	60	5	4	60	8	0	60	10	8	32	61	1	4	61	4	0	61	6	8		
33	62	4	0	62	6	9	62	9	6	33	63	0	3	63	3	0	63	5	9		
34	64	2	8	64	5	6	64	8	4	34	64	11	2	65	2	0	65	4	10		
35	66	1	4	66	4	3	66	7	2	35	66	10	1	67	1	0	67	3	11		
50	94	5	4	94	9	6	95	1	8	50	95	5	10	95	10	0	96	2	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	1	10	8	0	1	10	9	0	1	10	10	1	0	1	11	0	0	1	11	1
2	0	3	9	4	0	3	9	6	0	3	9	8	2	0	3	9	10	0	3	10	2
3	0	5	8	0	0	5	8	3	0	5	8	6	3	0	5	8	9	0	5	9	3
4	0	7	6	8	0	7	7	0	0	7	7	4	4	0	7	7	8	0	7	8	4
5	0	9	5	4	0	9	5	9	0	9	6	2	5	0	9	6	7	0	9	7	5
6	0	11	4	0	0	11	4	6	0	11	5	0	6	0	11	5	6	0	11	6	6
7	1	1	2	8	1	1	3	3	1	1	3	10	7	1	1	4	5	1	1	5	7
8	1	3	1	4	1	3	2	0	1	3	2	8	8	1	3	3	4	1	3	4	8
9	1	5	0	0	1	5	0	9	1	5	1	6	9	1	5	2	3	1	5	3	9
10	1	6	10	8	1	6	11	6	1	7	0	4	10	1	7	1	2	1	7	2	10
11	1	8	9	4	1	8	10	3	1	8	11	2	11	1	9	0	1	1	9	1	11

Length.	Area 278	Area 279	Area 280	Length.	Area 281	Area 282	Area 283
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	1 11 2	1 11 3	1 11 4	1	1 11 5	1 11 6	1 11 7
2	3 10 4	3 10 6	3 10 8	2	3 10 10	3 11 0	3 11 2
3	5 9 6	5 9 9	5 10 0	3	5 10 3	5 10 6	5 10 9
4	7 8 8	7 9 0	7 9 4	4	7 9 8	7 10 0	7 10 4
5	9 7 10	9 8 3	9 8 8	5	9 9 1	9 9 6	9 9 11
6	11 7 0	11 7 6	11 8 0	6	11 8 6	11 9 0	11 9 6
7	13 6 2	13 6 9	13 7 4	7	13 7 11	13 8 6	13 9 1
8	15 5 4	15 6 0	15 6 8	8	15 7 4	15 8 0	15 8 8
9	17 4 6	17 5 3	17 6 0	9	17 6 9	17 7 6	17 8 3
10	19 3 8	19 4 6	19 5 4	10	19 6 2	19 7 0	19 7 10
11	21 2 10	21 3 9	21 4 8	11	21 5 7	21 6 6	21 7 5
12	23 2 0	23 3 0	23 4 0	12	23 5 0	23 6 0	23 7 0
13	25 1 2	25 2 3	25 3 4	13	25 4 5	25 5 6	25 6 7
14	27 0 4	27 1 6	27 2 8	14	27 3 10	27 5 0	27 6 2
15	28 11 6	29 0 9	29 2 0	15	29 3 3	29 4 6	29 5 9
16	30 10 8	31 0 0	31 1 4	16	31 2 8	31 4 0	31 5 4
17	32 9 10	32 11 3	33 0 8	17	33 2 1	33 3 6	33 4 11
18	34 9 0	34 10 6	35 0 0	18	35 1 6	35 3 0	35 4 6
19	36 8 2	36 9 9	36 11 4	19	37 0 11	37 2 6	37 4 1
20	38 7 4	38 9 0	38 10 8	20	39 0 4	39 2 0	39 3 8
21	40 6 6	40 8 3	40 10 0	21	40 11 9	41 1 6	41 3 3
22	42 5 8	42 7 6	42 9 4	22	42 11 2	43 1 0	43 2 10
23	44 4 10	44 6 9	44 8 8	23	44 10 7	45 0 6	45 2 5
24	46 4 0	46 6 0	46 8 0	24	46 10 0	47 0 0	47 2 0
25	48 3 2	48 5 3	48 7 4	25	48 9 5	48 11 6	49 1 7
26	50 2 4	50 4 6	50 6 8	26	50 8 10	50 11 0	51 1 2
27	52 1 6	52 3 9	52 6 0	27	52 8 3	52 10 6	53 0 9
28	54 0 8	54 3 0	54 5 4	28	54 7 8	54 10 0	55 0 4
29	55 11 10	56 2 3	56 4 8	29	56 7 1	56 9 6	56 11 11
30	57 11 0	58 1 6	58 4 0	30	58 6 6	58 9 0	58 11 6
31	59 10 2	60 0 9	60 3 4	31	60 5 11	60 8 6	60 11 1
32	61 9 4	62 0 0	62 2 8	32	62 5 4	62 8 0	62 10 8
33	63 8 6	63 11 3	64 2 0	33	64 4 9	64 7 6	64 10 3
34	65 7 8	65 10 6	66 1 4	34	66 4 2	66 7 0	66 9 10
35	67 6 10	67 9 9	68 0 8	35	68 3 7	68 6 6	68 9 5
50	96 6 4	96 10 6	97 2 8	50	97 6 10	97 11 0	98 3 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 1 11 2	0 1 11 3	0 1 11 4	1	0 1 11 5	0 1 11 6	0 1 11 7
2	0 3 10 4	0 3 10 6	0 3 10 8	2	0 3 10 10	0 3 11 0	0 3 11 2
3	0 5 9 6	0 5 9 9	0 5 10 0	3	0 5 10 3	0 5 10 6	0 5 10 9
4	0 7 8 8	0 7 9 0	0 7 9 4	4	0 7 9 8	0 7 10 0	0 7 10 4
5	0 9 7 10	0 9 8 3	0 9 8 8	5	0 9 9 1	0 9 9 6	0 9 9 11
6	0 11 7 0	0 11 7 6	0 11 8 0	6	0 11 8 6	0 11 9 0	0 11 9 6
7	1 1 6 2	1 1 6 9	1 1 7 4	7	1 1 7 11	1 1 8 6	1 1 9 1
8	1 3 5 4	1 3 6 0	1 3 6 8	8	1 3 7 4	1 3 8 0	1 3 8 8
9	1 5 4 6	1 5 5 3	1 5 6 0	9	1 5 6 9	1 5 7 6	1 5 8 3
10	1 7 3 8	1 7 4 6	1 7 5 4	10	1 7 6 2	1 7 7 0	1 7 7 10
11	1 9 2 10	1 9 3 9	1 9 4 8	11	1 9 5 7	1 9 6 6	1 9 7 5

Length.	Area 284			Area 285			Area 286			Length.	Area 287			Area 288			Area 289					
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.			
1	1	11	8	1	11	9	1	11	10	1	1	11	11	2	0	0	2	0	1			
2	3	11	4	3	11	6	3	11	8	2	3	11	10	4	0	0	4	0	2			
3	5	11	0	5	11	3	5	11	6	3	5	11	9	6	0	0	6	0	3			
4	7	10	8	7	11	0	7	11	4	4	7	11	8	8	0	0	8	0	4			
5	9	10	4	9	10	9	9	11	2	5	9	11	7	10	0	0	10	0	5			
6	11	10	0	11	10	6	11	11	0	6	11	11	6	12	0	0	12	0	6			
7	13	9	8	13	10	3	13	10	10	7	13	11	5	14	0	0	14	0	7			
8	15	9	4	15	10	0	15	10	8	8	15	11	4	16	0	0	16	0	8			
9	17	9	0	17	9	9	17	10	6	9	17	11	3	18	0	0	18	0	9			
10	19	8	8	19	9	6	19	10	4	10	19	11	2	20	0	0	20	0	10			
11	21	8	4	21	9	3	21	10	2	11	21	11	1	22	0	0	22	0	11			
12	23	8	0	23	9	0	23	10	0	12	23	11	0	24	0	0	24	1	0			
13	25	7	8	25	8	9	25	9	10	13	25	10	11	26	0	0	26	1	1			
14	27	7	4	27	8	6	27	9	8	14	27	10	10	28	0	0	28	1	2			
15	29	7	0	29	8	3	29	9	6	15	29	10	9	30	0	0	30	1	3			
16	31	6	8	31	8	0	31	9	4	16	31	10	8	32	0	0	32	1	4			
17	33	6	4	33	7	9	33	9	2	17	33	10	7	34	0	0	34	1	5			
18	35	6	0	35	7	6	35	9	0	18	35	10	6	36	0	0	36	1	6			
19	37	5	8	37	7	3	37	8	10	19	37	10	5	38	0	0	38	1	7			
20	39	5	4	39	7	0	39	8	8	20	39	10	4	40	0	0	40	1	8			
21	41	5	0	41	6	9	41	8	6	21	41	10	3	42	0	0	42	1	9			
22	43	4	8	43	6	6	43	8	4	22	43	10	2	44	0	0	44	1	10			
23	45	4	4	45	6	3	45	8	2	23	45	10	1	46	0	0	46	1	11			
24	47	4	0	47	6	0	47	8	0	24	47	10	0	48	0	0	48	2	0			
25	49	3	8	49	5	9	49	7	10	25	49	9	11	50	0	0	50	2	1			
26	51	3	4	51	5	6	51	7	8	26	51	9	10	52	0	0	52	2	2			
27	53	3	0	53	5	3	53	7	6	27	53	9	9	54	0	0	54	2	3			
28	55	2	8	55	5	0	55	7	4	28	55	9	8	56	0	0	56	2	4			
29	57	2	4	57	4	9	57	7	2	29	57	9	7	58	0	0	58	2	5			
30	59	2	0	59	4	6	59	7	0	30	59	9	6	60	0	0	60	2	6			
31	61	1	8	61	4	3	61	6	10	31	61	9	5	62	0	0	62	2	7			
32	63	1	4	63	4	0	63	6	8	32	63	9	4	64	0	0	64	2	8			
33	65	1	0	65	3	9	65	6	6	33	65	9	3	66	0	0	66	2	9			
34	67	0	8	67	3	6	67	6	4	34	67	9	2	68	0	0	68	2	10			
35	69	0	4	69	3	3	69	6	2	35	69	9	1	70	0	0	70	2	11			
50	98	7	4	98	11	6	99	3	8	50	99	7	10	100	0	0	100	4	2			
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	1	11	8	0	1	11	9	0	1	11	10	1	0	1	11	11	0	2	0	0	1
2	0	3	11	4	0	3	11	6	0	3	11	8	2	0	3	11	10	0	4	0	0	2
3	0	5	11	0	0	5	11	3	0	5	11	6	3	0	5	11	9	0	6	0	0	3
4	0	7	10	8	0	7	11	0	0	7	11	4	4	0	7	11	8	0	8	0	0	4
5	0	9	10	4	0	9	10	9	0	9	11	2	5	0	9	11	7	0	10	0	0	5
6	0	11	10	0	0	11	10	6	0	11	11	0	6	0	11	11	6	1	0	0	0	6
7	1	1	9	8	1	1	10	3	1	1	10	10	7	1	1	11	5	1	2	0	0	7
8	1	3	9	4	1	3	10	0	1	3	10	8	8	1	3	11	4	1	4	0	0	8
9	1	5	9	0	1	5	9	9	1	5	10	6	9	1	5	11	3	1	6	0	0	9
10	1	7	8	8	1	7	9	6	1	7	10	4	10	1	7	11	2	1	8	0	0	10
11	1	9	8	4	1	9	9	3	1	9	10	2	11	1	9	11	1	1	10	0	0	11



Length.	Area 290			Area 291			Area 292			Length.	Area 293			Area 294			Area 295				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	0	2	2	0	3	2	0	4	1	2	0	5	2	0	6	2	0	7		
2	4	0	4	4	0	6	4	0	8	2	4	0	10	4	1	0	4	1	2		
3	6	0	6	6	0	9	6	1	0	3	6	1	3	6	1	6	6	1	9		
4	8	0	8	8	1	0	8	1	4	4	8	1	8	8	2	0	8	2	4		
5	10	0	10	10	1	3	10	1	8	5	10	2	1	10	2	6	10	2	11		
6	12	1	0	12	1	6	12	2	0	6	12	2	6	12	3	0	12	3	6		
7	14	1	2	14	1	9	14	2	4	7	14	2	11	14	3	6	14	4	1		
8	16	1	4	16	2	0	16	2	8	8	16	3	4	16	4	0	16	4	8		
9	18	1	6	18	2	3	18	3	0	9	18	3	9	18	4	6	18	5	3		
10	20	1	8	20	2	6	20	3	4	10	20	4	2	20	5	0	20	5	10		
11	22	1	10	22	2	9	22	3	8	11	22	4	7	22	5	6	22	6	5		
12	24	2	0	24	3	0	24	4	0	12	24	5	0	24	6	0	24	7	0		
13	26	2	2	26	3	3	26	4	4	13	26	5	5	26	6	6	26	7	7		
14	28	2	4	28	3	6	28	4	8	14	28	5	10	28	7	0	28	8	2		
15	30	2	6	30	3	9	30	5	0	15	30	6	3	30	7	6	30	8	9		
16	32	2	8	32	4	0	32	5	4	16	32	6	8	32	8	0	32	9	4		
17	34	2	10	34	4	3	34	5	8	17	34	7	1	34	8	6	34	9	11		
18	36	3	0	36	4	6	36	6	0	18	36	7	6	36	9	0	36	10	6		
19	38	3	2	38	4	9	38	6	4	19	38	7	11	38	9	6	38	11	1		
20	40	3	4	40	5	0	40	6	8	20	40	8	4	40	10	0	40	11	8		
21	42	3	6	42	5	3	42	7	0	21	42	8	9	42	10	6	43	0	3		
22	44	3	8	44	5	6	44	7	4	22	44	9	2	44	11	0	45	0	10		
23	46	3	10	46	5	9	46	7	8	23	46	9	7	46	11	6	47	1	5		
24	48	4	0	48	6	0	48	8	0	24	48	10	0	49	0	0	49	2	0		
25	50	4	2	50	6	3	50	8	4	25	50	10	5	51	0	6	51	2	7		
26	52	4	4	52	6	6	52	8	8	26	52	10	10	53	1	0	53	3	2		
27	54	4	6	54	6	9	54	9	0	27	54	11	3	55	1	6	55	3	9		
28	56	4	8	56	7	0	56	9	4	28	56	11	8	57	2	0	57	4	4		
29	58	4	10	58	7	3	58	9	8	29	59	0	1	59	2	6	59	4	11		
30	60	5	0	60	7	6	60	10	0	30	61	0	6	61	3	0	61	5	6		
31	62	5	2	62	7	9	62	10	4	31	63	0	11	63	3	6	63	6	1		
32	64	5	4	64	8	0	64	10	8	32	65	1	4	65	4	0	65	6	8		
33	66	5	6	66	8	3	66	11	0	33	67	1	9	67	4	6	67	7	3		
34	68	5	8	68	8	6	68	11	4	34	69	2	2	69	5	0	69	7	10		
35	70	5	10	70	8	9	70	11	8	35	71	2	7	71	5	6	71	8	5		
50	100	8	4	101	0	6	101	4	8	50	101	8	10	102	1	0	102	5	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	0	2	0	2	0	3	0	2	0	4	1	0	2	0	5	0	2	0	7
2	0	4	0	4	0	4	0	6	0	4	0	8	2	0	4	1	0	0	4	1	2
3	0	6	0	6	0	6	0	9	0	6	1	0	3	0	6	1	6	0	6	1	9
4	0	8	0	8	0	8	1	0	0	8	1	4	4	0	8	1	8	0	8	2	4
5	0	10	0	10	0	10	1	3	0	10	1	8	5	0	10	2	1	0	10	2	11
6	1	0	1	0	1	0	1	6	1	0	2	0	6	1	0	3	0	1	0	3	6
7	1	2	1	2	1	2	1	9	1	2	2	4	7	1	2	2	11	1	2	3	6
8	1	4	1	4	1	4	2	0	1	4	2	8	8	1	4	3	4	1	4	4	0
9	1	6	1	6	1	6	2	3	1	6	3	0	9	1	6	3	9	1	6	4	6
10	1	8	1	8	1	8	2	6	1	8	3	4	10	1	8	4	2	1	8	5	10
11	1	10	1	10	1	10	2	9	1	10	3	8	11	1	10	4	7	1	10	6	5

Length.	Area 296	Area 297	Area 298	Length.	Area 299	Area 300	Area 301
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	2 0 8	2 0 9	2 0 10	1	2 0 11	2 1 0	2 1 1
2	4 1 4	4 1 6	4 1 8	2	4 1 10	4 2 0	4 2 2
3	6 2 0	6 2 3	6 2 6	3	6 2 9	6 3 0	6 3 3
4	8 2 8	8 3 0	8 3 4	4	8 3 8	8 4 0	8 4 4
5	10 3 4	10 3 9	10 4 2	5	10 4 7	10 5 0	10 5 5
6	12 4 0	12 4 6	12 5 0	6	12 5 6	12 6 0	12 6 6
7	14 4 8	14 5 3	14 5 10	7	14 6 5	14 7 0	14 7 7
8	16 5 4	16 6 0	16 6 8	8	16 7 4	16 8 0	16 8 8
9	18 6 0	18 6 9	18 7 6	9	18 8 3	18 9 0	18 9 9
10	20 6 8	20 7 6	20 8 4	10	20 9 2	20 10 0	20 10 10
11	22 7 4	22 8 3	22 9 2	11	22 10 1	22 11 0	22 11 11
12	24 8 0	24 9 0	24 10 0	12	24 11 0	25 0 0	25 1 0
13	26 8 8	26 9 9	26 10 10	13	26 11 11	27 1 0	27 2 1
14	28 9 4	28 10 6	28 11 8	14	29 0 10	29 2 0	29 3 2
15	30 10 0	30 11 3	31 0 6	15	31 1 9	31 3 0	31 4 3
16	32 10 8	33 0 0	33 1 4	16	33 2 8	33 4 0	33 5 4
17	34 11 4	35 0 9	35 2 2	17	35 3 7	35 5 0	35 6 5
18	37 0 0	37 1 6	37 3 0	18	37 4 6	37 6 0	37 7 6
19	39 0 8	39 2 3	39 3 10	19	39 5 5	39 7 0	39 8 7
20	41 1 4	41 3 0	41 4 8	20	41 6 4	41 8 0	41 9 8
21	43 2 0	43 3 9	43 5 6	21	43 7 3	43 9 0	43 10 9
22	45 2 8	45 4 6	45 6 4	22	45 8 2	45 10 0	45 11 10
23	47 3 4	47 5 3	47 7 2	23	47 9 1	47 11 0	48 0 11
24	49 4 0	49 6 0	49 8 0	24	49 10 0	50 0 0	50 2 0
25	51 4 8	51 6 9	51 8 10	25	51 10 11	52 1 0	52 3 1
26	53 5 4	53 7 6	53 9 8	26	53 11 10	54 2 0	54 4 2
27	55 6 0	55 8 3	55 10 6	27	56 0 9	56 3 0	56 5 3
28	57 6 8	57 9 0	57 11 4	28	58 1 8	58 4 0	58 6 4
29	59 7 4	59 9 9	60 0 2	29	60 2 7	60 5 0	60 7 5
30	61 8 0	61 10 6	62 1 0	30	62 3 6	62 6 0	62 8 6
31	63 8 8	63 11 3	64 1 10	31	64 4 5	64 7 0	64 9 7
32	65 9 4	66 0 0	66 2 8	32	66 5 4	66 8 0	66 10 8
33	67 10 0	68 0 9	68 3 6	33	68 6 3	68 9 0	68 11 9
34	69 10 8	70 1 6	70 4 4	34	70 7 2	70 10 0	71 0 10
35	71 11 4	72 2 3	72 5 2	35	72 8 1	72 11 0	73 1 11
50	102 9 4	103 1 6	103 5 8	50	103 9 10	104 2 0	104 6 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 2 0 8	0 2 0 9	0 2 0 10	1	0 2 0 11	0 2 1 0	0 2 1 1
2	0 4 1 4	0 4 1 6	0 4 1 8	2	0 4 1 10	0 4 2 0	0 4 2 2
3	0 6 2 0	0 6 2 3	0 6 2 6	3	0 6 2 9	0 6 3 0	0 6 3 3
4	0 8 2 8	0 8 3 0	0 8 3 4	4	0 8 3 8	0 8 4 0	0 8 4 4
5	0 10 3 4	0 10 3 9	0 10 4 2	5	0 10 4 7	0 10 5 0	0 10 5 5
6	1 0 4 0	1 0 4 6	1 0 5 0	6	1 0 5 6	1 0 6 0	1 0 6 6
7	1 2 4 8	1 2 5 3	1 2 5 10	7	1 2 6 5	1 2 7 0	1 2 7 7
8	1 4 5 4	1 4 6 0	1 4 6 8	8	1 4 7 4	1 4 8 0	1 4 8 8
9	1 6 6 0	1 6 6 9	1 6 7 6	9	1 6 8 3	1 6 9 0	1 6 9 9
10	1 8 6 8	1 8 7 6	1 8 8 4	10	1 8 9 2	1 8 10 0	1 8 10 10
11	1 10 7 4	1 10 8 3	1 10 9 2	11	1 10 10 1	1 10 11 0	1 10 11 11

Length.	Area 302			Area 303			Area 304			Length.	Area 305			Area 306			Area 307				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	1	2	2	1	3	2	1	4	1	2	1	5	2	1	6	2	1	7		
2	4	2	4	4	2	6	4	2	8	2	4	2	10	4	3	0	4	3	2		
3	6	3	6	6	3	9	6	4	0	3	6	4	3	6	4	6	6	4	9		
4	8	4	8	8	5	0	8	5	4	4	8	5	8	8	6	0	8	6	4		
5	10	5	10	10	6	3	10	6	8	5	10	7	1	10	7	6	10	7	11		
6	12	7	0	12	7	6	12	8	0	6	12	8	6	12	9	0	12	9	6		
7	14	8	2	14	8	9	14	9	4	7	14	9	11	14	10	6	14	11	1		
8	16	9	4	16	10	0	16	10	8	8	16	11	4	17	0	0	17	0	8		
9	18	10	6	18	11	3	19	0	0	9	19	0	9	19	1	6	19	2	3		
10	20	11	8	21	0	6	21	1	4	10	21	2	2	21	3	0	21	3	10		
11	23	0	10	23	1	9	23	2	8	11	23	3	7	23	4	6	23	5	5		
12	25	2	0	25	3	0	25	4	0	12	25	5	0	25	6	0	25	7	0		
13	27	3	2	27	4	3	27	5	4	13	27	6	5	27	7	6	27	8	7		
14	29	4	4	29	5	6	29	6	8	14	29	7	10	29	9	0	29	10	2		
15	31	5	6	31	6	9	31	8	0	15	31	9	3	31	10	6	31	11	9		
16	33	6	8	33	8	0	33	9	4	16	33	10	8	34	0	0	34	1	4		
17	35	7	10	35	9	3	35	10	8	17	36	0	1	36	1	6	36	2	11		
18	37	9	0	37	10	6	38	0	0	18	38	1	6	38	3	0	38	4	6		
19	39	10	2	39	11	9	40	1	4	19	40	2	11	40	4	6	40	6	1		
20	41	11	4	42	1	0	42	2	8	20	42	4	4	42	6	0	42	7	8		
21	44	0	6	44	2	3	44	4	0	21	44	5	9	44	7	6	44	9	3		
22	46	1	8	46	3	6	46	5	4	22	46	7	2	46	9	0	46	10	10		
23	48	2	10	48	4	9	48	6	8	23	48	8	7	48	10	6	49	0	5		
24	50	4	0	50	6	0	50	8	0	24	50	10	0	51	0	0	51	2	0		
25	52	5	2	52	7	3	52	9	4	25	52	11	5	53	1	6	53	3	7		
26	54	6	4	54	8	6	54	10	8	26	55	0	10	55	3	0	55	5	2		
27	56	7	6	56	9	9	57	0	0	27	57	2	3	57	4	6	57	6	9		
28	58	8	8	58	11	0	59	1	4	28	59	3	8	59	6	0	59	8	4		
29	60	9	10	61	0	3	61	2	8	29	61	5	1	61	7	6	61	9	11		
30	62	11	0	63	1	6	63	4	0	30	63	6	6	63	9	0	63	11	6		
31	65	0	2	65	2	9	65	5	4	31	65	7	11	65	10	6	66	1	1		
32	67	1	4	67	4	0	67	6	8	32	67	9	4	68	0	0	68	2	8		
33	69	2	6	69	5	3	69	8	0	33	69	10	9	70	1	6	70	4	3		
34	71	3	8	71	6	6	71	9	4	34	72	0	2	72	3	0	72	5	10		
35	73	4	10	73	7	9	73	10	8	35	74	1	7	74	4	6	74	7	5		
50	104	10	4	105	2	6	105	6	8	50	105	10	10	106	3	0	106	7	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	1	2	0	2	1	3	0	2	1	4	1	0	2	1	5	0	2	1	7
2	0	4	2	4	0	4	2	6	0	4	2	8	2	0	4	2	10	0	4	3	2
3	0	6	3	6	0	6	3	9	0	6	4	0	3	0	6	4	6	0	6	4	9
4	0	8	4	8	0	8	5	0	0	8	5	4	4	0	8	6	0	0	8	6	4
5	0	10	5	10	0	10	6	3	0	10	6	8	5	0	10	7	6	0	10	7	11
6	1	0	7	0	1	0	7	6	1	0	8	0	6	1	0	8	6	1	0	9	6
7	1	2	8	2	1	2	8	9	1	2	9	4	7	1	2	9	11	1	2	10	6
8	1	4	9	4	1	4	10	0	1	4	10	8	8	1	4	11	4	1	5	0	0
9	1	6	10	6	1	6	11	3	1	7	0	0	9	1	7	0	9	1	7	2	3
10	1	8	11	8	1	9	0	6	1	9	1	4	10	1	9	2	2	1	9	3	10
11	1	11	0	10	1	11	1	9	1	11	2	8	11	1	11	3	7	1	11	4	6

## SOLID AND SUPERFICIAL MEASURE.

Length.	Area 308	Area 309	Area 310	Length.	Area 311	Area 312	Area 313
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	2 1 8	2 1 9	2 1 10	1	2 1 11	2 2 0	2 2 1
2	4 3 4	4 3 6	4 3 8	2	4 3 10	4 4 0	4 4 2
3	6 5 0	6 5 3	6 5 6	3	6 5 9	6 6 0	6 6 3
4	8 6 8	8 7 0	8 7 4	4	8 7 8	8 8 0	8 8 4
5	10 8 4	10 8 9	10 9 2	5	10 9 7	10 10 0	10 10 5
6	12 10 0	12 10 6	12 11 0	6	12 11 6	13 0 0	13 0 6
7	14 11 8	15 0 3	15 0 10	7	15 1 5	15 2 0	15 2 7
8	17 1 4	17 2 0	17 2 8	8	17 3 4	17 4 0	17 4 8
9	19 3 0	19 3 9	19 4 6	9	19 5 3	19 6 0	19 6 9
10	21 4 8	21 5 6	21 6 4	10	21 7 2	21 8 0	21 8 10
11	23 6 4	23 7 3	23 8 2	11	23 9 1	23 10 0	23 10 11
12	25 8 0	25 9 0	25 10 0	12	25 11 0	26 0 0	26 1 0
13	27 9 8	27 10 9	27 11 10	13	28 0 11	28 2 0	28 3 1
14	29 11 4	30 0 6	30 1 8	14	30 2 10	30 4 0	30 5 2
15	32 1 0	32 2 3	32 3 6	15	32 4 9	32 6 0	32 7 3
16	34 2 8	34 4 0	34 5 4	16	34 6 8	34 8 0	34 9 4
17	36 4 4	36 5 9	36 7 2	17	36 8 7	36 10 0	36 11 5
18	38 6 0	38 7 6	38 9 0	18	38 10 6	39 0 0	39 1 6
19	40 7 8	40 9 3	40 10 10	19	41 0 5	41 2 0	41 3 7
20	42 9 4	42 11 0	43 0 8	20	43 2 4	43 4 0	43 5 8
21	44 11 0	45 0 9	45 2 6	21	45 4 3	45 6 0	45 7 9
22	47 0 8	47 2 6	47 4 4	22	47 6 2	47 8 0	47 9 10
23	49 2 4	49 4 3	49 6 2	23	49 8 1	49 10 0	49 11 11
24	51 4 0	51 6 0	51 8 0	24	51 10 0	52 0 0	52 2 0
25	53 5 8	53 7 9	53 9 10	25	53 11 11	54 2 0	54 4 1
26	55 7 4	55 9 6	55 11 8	26	56 1 10	56 4 0	56 6 2
27	57 9 0	57 11 3	58 1 6	27	58 3 9	58 6 0	58 8 3
28	59 10 8	60 1 0	60 3 4	28	60 5 8	60 8 0	60 10 4
29	62 0 4	62 2 9	62 5 2	29	62 7 7	62 10 0	63 0 5
30	64 2 0	64 4 6	64 7 0	30	64 9 6	65 0 0	65 2 6
31	66 3 8	66 6 3	66 8 10	31	66 11 5	67 2 0	67 4 7
32	68 5 4	68 8 0	68 10 8	32	69 1 4	69 4 0	69 6 8
33	70 7 0	70 9 9	71 0 6	33	71 3 3	71 6 0	71 8 9
34	72 8 8	72 11 6	73 2 4	34	73 5 2	73 8 0	73 10 10
35	74 10 4	75 1 3	75 4 2	35	75 7 1	75 10 0	76 0 11
50	106 11 4	107 3 6	107 7 8	50	107 11 10	108 4 0	108 8 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 2 1 8	0 2 1 9	0 2 1 10	1	0 2 1 11	0 2 2 0	0 2 2 1
2	0 4 3 4	0 4 3 6	0 4 3 8	2	0 4 3 10	0 4 4 0	0 4 4 2
3	0 6 5 0	0 6 5 3	0 6 5 6	3	0 6 5 9	0 6 6 0	0 6 6 3
4	0 8 6 8	0 8 7 0	0 8 7 4	4	0 8 7 8	0 8 8 0	0 8 8 4
5	0 10 8 4	0 10 8 9	0 10 9 2	5	0 10 9 7	0 10 10 0	0 10 10 5
6	1 0 10 0	1 0 10 6	1 0 11 0	6	1 0 11 6	1 1 0 0	1 1 0 6
7	1 2 11 8	1 3 0 0	1 3 0 10	7	1 3 1 5	1 3 2 0	1 3 2 7
8	1 5 1 4	1 5 2 0	1 5 2 8	8	1 5 3 4	1 5 4 0	1 5 4 8
9	1 7 3 0	1 7 3 9	1 7 4 6	9	1 7 5 3	1 7 6 0	1 7 6 9
10	1 9 4 8	1 9 5 6	1 9 6 4	10	1 9 7 2	1 9 8 0	1 9 8 10
11	1 11 6 4	1 11 7 3	1 11 8 2	11	1 11 9 1	1 11 10 0	1 11 10 11



Length.	Area 314			Area 315			Area 316			Length.	Area 317			Area 318 °			Area 319				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	2	2	2	2	3	2	2	4	1	2	2	5	2	2	6	2	2	7		
2	4	4	4	4	4	6	4	4	8	2	4	4	10	4	5	0	4	5	2		
3	6	6	6	6	6	9	6	7	0	3	6	7	3	6	7	6	6	7	9		
4	8	8	8	8	9	0	8	9	4	4	8	9	8	8	10	0	8	10	4		
5	10	10	10	10	11	3	10	11	8	5	11	0	1	11	0	6	11	0	11		
6	13	1	0	13	1	6	13	2	0	6	13	2	6	13	3	0	13	3	6		
7	15	3	2	15	3	9	15	4	4	7	15	4	11	15	5	6	15	6	1		
8	17	5	4	17	6	0	17	6	8	8	17	7	4	17	8	0	17	8	8		
9	19	7	6	19	8	3	19	9	0	9	19	9	9	19	10	6	19	11	3		
10	21	9	8	21	10	6	21	11	4	10	22	0	2	22	1	0	22	1	10		
11	23	11	10	24	0	9	24	1	8	11	24	2	7	24	3	6	24	4	5		
12	26	2	0	26	3	0	26	4	0	12	26	5	0	26	6	0	26	7	0		
13	28	4	2	28	5	3	28	6	4	13	28	7	5	28	8	6	28	9	7		
14	30	6	4	30	7	6	30	8	8	14	30	9	10	30	11	0	31	0	2		
15	32	8	6	32	9	9	32	11	0	15	33	0	3	33	1	6	33	2	9		
16	34	10	8	35	0	0	35	1	4	16	35	2	8	35	4	0	35	5	4		
17	37	0	10	37	2	3	37	3	8	17	37	5	1	37	6	6	37	7	11		
18	39	3	0	39	4	6	39	6	0	18	39	7	6	39	9	0	39	10	6		
19	41	5	2	41	6	9	41	8	4	19	41	9	11	41	11	6	42	1	1		
20	43	7	4	43	9	0	43	10	8	20	44	0	4	44	2	0	44	3	8		
21	45	9	6	45	11	3	46	1	0	21	46	2	9	46	4	6	46	6	3		
22	47	11	8	48	1	6	48	3	4	22	48	5	2	48	7	0	48	8	10		
23	50	1	10	50	3	9	50	5	8	23	50	7	7	50	9	6	50	11	5		
24	52	4	0	52	6	0	52	8	0	24	52	10	0	53	0	0	53	2	0		
25	54	6	2	54	8	3	54	10	4	25	55	0	5	55	2	6	55	4	7		
26	56	8	4	56	10	6	57	0	8	26	57	2	10	57	5	0	57	7	2		
27	58	10	6	59	0	9	59	3	0	27	59	5	3	59	7	6	59	9	9		
28	61	0	8	61	3	0	61	5	4	28	61	7	8	61	10	0	62	0	4		
29	63	2	10	63	5	3	63	7	8	29	63	10	1	64	0	6	64	2	11		
30	65	5	0	65	7	6	65	10	0	30	66	0	6	66	3	0	66	5	6		
31	67	7	2	67	9	9	68	0	4	31	68	2	11	68	5	6	68	8	1		
32	69	9	4	70	0	0	70	2	8	32	70	5	4	70	8	0	70	10	8		
33	71	11	6	72	2	3	72	5	0	33	72	7	9	72	10	6	73	1	3		
34	74	1	8	74	4	6	74	7	4	34	74	10	2	75	1	0	75	3	10		
35	76	3	10	76	6	9	76	9	8	35	77	0	7	77	3	6	77	6	5		
50	109	0	4	109	4	6	109	8	8	50	110	0	10	110	5	0	110	9	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	2	2	0	2	2	3	0	2	2	4	1	0	2	2	6	0	2	2	7
2	0	4	4	4	0	4	4	6	0	4	4	8	2	0	4	5	0	0	4	5	2
3	0	6	6	6	0	6	6	9	0	6	7	0	3	0	6	7	6	0	6	7	9
4	0	8	8	8	0	8	9	0	0	8	9	4	4	0	8	10	0	0	8	10	4
5	0	10	10	10	0	10	11	3	0	10	11	8	5	0	11	0	6	0	11	0	11
6	1	1	1	0	1	1	1	6	1	1	2	0	6	1	1	3	0	1	1	3	6
7	1	3	3	2	1	3	3	9	1	3	4	4	7	1	3	5	6	1	3	6	1
8	1	5	5	4	1	5	6	0	1	5	6	8	8	1	5	8	0	1	5	8	8
9	1	7	7	6	1	7	8	3	1	7	9	0	9	1	7	9	1	7	10	6	1
10	1	9	9	8	1	9	10	6	1	9	11	4	10	1	10	1	0	1	10	1	10
11	1	11	11	10	2	0	0	9	2	0	1	8	11	2	0	3	6	2	0	4	5

Length.	Area 320	Area 321	Area 322	Length.	Area 323	Area 324	Area 325
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	2 2 8	2 2 9	2 2 10	1	2 2 11	2 3 0	2 3 1
2	4 5 4	4 5 6	4 5 8	2	4 5 10	4 6 0	4 6 2
3	6 8 0	6 8 3	6 8 6	3	6 8 9	6 9 0	6 9 3
4	8 10 8	8 11 0	8 11 4	4	8 11 8	9 0 0	9 0 4
5	11 1 4	11 1 9	11 2 2	5	11 2 7	11 3 0	11 3 5
6	13 4 0	13 4 6	13 5 0	6	13 5 6	13 6 0	13 6 6
7	15 6 8	15 7 3	15 7 10	7	15 8 5	15 9 0	15 9 7
8	17 9 4	17 10 0	17 10 8	8	17 11 4	18 0 0	18 0 8
9	20 0 0	20 0 9	20 1 6	9	20 2 3	20 3 0	20 3 9
10	22 2 8	22 3 6	22 4 4	10	22 5 2	22 6 0	22 6 10
11	24 5 4	24 6 3	24 7 2	11	24 8 1	24 9 0	24 9 11
12	26 8 0	26 9 0	26 10 0	12	26 11 0	27 0 0	27 1 0
13	28 10 8	28 11 9	29 0 10	13	29 1 11	29 3 0	29 4 1
14	31 1 4	31 2 6	31 3 8	14	31 4 10	31 6 0	31 7 2
15	33 4 0	33 5 3	33 6 6	15	33 7 9	33 9 0	33 10 3
16	35 6 8	35 8 0	35 9 4	16	35 10 8	36 0 0	36 1 4
17	37 9 4	37 10 9	38 0 2	17	38 1 7	38 3 0	38 4 5
18	40 0 0	40 1 6	40 3 0	18	40 4 6	40 6 0	40 7 6
19	42 2 8	42 4 3	42 5 10	19	42 7 5	42 9 0	42 10 7
20	44 5 4	44 7 0	44 8 8	20	44 10 4	45 0 0	45 1 8
21	46 8 0	46 9 9	46 11 6	21	47 1 3	47 3 0	47 4 9
22	48 10 8	49 0 6	49 2 4	22	49 4 2	49 6 0	49 7 10
23	51 1 4	51 3 3	51 5 2	23	51 7 1	51 9 0	51 10 11
24	53 4 0	53 6 0	53 8 0	24	53 10 0	54 0 0	54 2 0
25	55 6 8	55 8 9	55 10 10	25	56 0 11	56 3 0	56 5 1
26	57 9 4	57 11 6	58 1 8	26	58 3 10	58 6 0	58 8 2
27	60 0 0	60 2 3	60 4 6	27	60 6 9	60 9 0	60 11 3
28	62 2 8	62 5 0	62 7 4	28	62 9 8	63 0 0	63 2 4
29	64 5 4	64 7 9	64 10 2	29	65 0 7	65 3 0	65 5 5
30	66 8 0	66 10 6	67 1 0	30	67 3 6	67 6 0	67 8 6
31	68 10 8	69 1 3	69 3 10	31	69 6 5	69 9 0	69 11 7
32	71 1 4	71 4 0	71 6 8	32	71 9 4	72 0 0	72 2 8
33	73 4 0	73 6 9	73 9 6	33	74 0 3	74 3 0	74 5 9
34	75 6 8	75 9 6	76 0 4	34	76 3 2	76 6 0	76 8 10
35	77 9 4	78 0 3	78 3 2	35	78 6 1	78 9 0	78 11 11
50	111 1 4	111 5 6	111 9 8	50	112 1 10	112 6 0	112 10 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 2 2 8	0 2 2 9	0 2 2 10	1	0 2 2 11	0 2 3 0	0 2 3 1
2	0 4 5 4	0 4 5 6	0 4 5 8	2	0 4 5 10	0 4 6 0	0 4 6 2
3	0 6 8 0	0 6 8 3	0 6 8 6	3	0 6 8 9	0 6 9 0	0 6 9 3
4	0 8 10 8	0 8 11 0	0 8 11 4	4	0 8 11 8	0 9 0 0	0 9 0 4
5	0 11 1 4	0 11 1 9	0 11 2 2	5	0 11 2 7	0 11 3 0	0 11 3 5
6	1 1 4 0	1 1 4 6	1 1 5 0	6	1 1 5 6	1 1 6 0	1 1 6 6
7	1 3 6 8	1 3 7 3	1 3 7 10	7	1 3 8 5	1 3 9 0	1 3 9 7
8	1 5 9 4	1 5 10 0	1 5 10 8	8	1 5 11 4	1 6 0 0	1 6 0 8
9	1 8 0 0	1 8 0 9	1 8 1 6	9	1 8 2 3	1 8 3 0	1 8 3 9
10	1 10 2 8	1 10 3 6	1 10 4 4	10	1 10 5 2	1 10 6 0	1 10 6 10
11	2 0 5 4	2 0 6 3	2 0 7 2	11	2 0 8 1	2 0 9 0	2 0 9 11

Length.	Area 326			Area 327			Area 328			Length.	Area 329			Area 330			Area 331				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	3	2	2	3	3	2	3	4	1	2	3	5	2	3	6	2	3	7		
2	4	6	4	4	6	6	4	6	8	2	4	6	10	4	7	0	4	7	2		
3	6	9	6	6	9	9	6	10	0	3	6	10	3	6	10	6	6	10	9		
4	9	0	8	9	1	0	9	1	4	4	9	1	8	9	2	0	9	2	4		
5	11	3	10	11	4	3	11	4	8	5	11	5	1	11	5	6	11	5	11		
6	13	7	0	13	7	6	13	8	0	6	13	8	6	13	9	0	13	9	6		
7	15	10	2	15	10	9	15	11	4	7	15	11	11	16	0	6	16	1	1		
8	18	1	4	18	2	0	18	2	8	8	18	3	4	18	4	0	18	4	8		
9	20	4	6	20	5	3	20	6	0	9	20	6	9	20	7	6	20	8	3		
10	22	7	8	22	8	6	22	9	4	10	22	10	2	22	11	0	22	11	10		
11	24	10	10	24	11	9	25	0	8	11	25	1	7	25	2	6	25	3	5		
12	27	2	0	27	3	0	27	4	0	12	27	5	0	27	6	0	27	7	0		
13	29	5	2	29	6	3	29	7	4	13	29	8	5	29	9	6	29	10	7		
14	31	8	4	31	9	6	31	10	8	14	31	11	10	32	1	0	32	2	2		
15	33	11	6	34	0	9	34	2	0	15	34	3	3	34	4	6	34	5	9		
16	36	2	8	36	4	0	36	5	4	16	36	6	8	36	8	0	36	9	4		
17	38	5	10	38	7	3	38	8	8	17	38	10	1	38	11	6	39	0	11		
18	40	9	0	40	10	6	41	0	0	18	41	1	6	41	3	0	41	4	6		
19	43	0	2	43	1	9	43	3	4	19	43	4	11	43	6	6	43	8	1		
20	45	3	4	45	5	0	45	6	8	20	45	8	4	45	10	0	45	11	8		
21	47	6	6	47	8	3	47	10	0	21	47	11	9	48	1	6	48	3	3		
22	49	9	8	49	11	6	50	1	4	22	50	3	2	50	5	0	50	6	10		
23	52	0	10	52	2	9	52	4	8	23	52	6	7	52	8	6	52	10	5		
24	54	4	0	54	6	0	54	8	0	24	54	10	0	55	0	0	55	2	0		
25	56	7	2	56	9	3	56	11	4	25	57	1	5	57	3	6	57	5	7		
26	58	10	4	59	0	6	59	2	8	26	59	4	10	59	7	0	59	9	2		
27	61	1	6	61	3	9	61	6	0	27	61	8	3	61	10	6	62	0	9		
28	63	4	8	63	7	0	63	9	4	28	63	11	8	64	2	0	64	4	4		
29	65	7	10	65	10	3	66	0	8	29	66	3	1	66	5	6	66	7	11		
30	67	11	0	68	1	6	68	4	0	30	68	6	6	68	9	0	68	11	6		
31	70	2	2	70	4	9	70	7	4	31	70	9	11	71	0	6	71	3	1		
32	72	5	4	72	8	0	72	10	8	32	73	1	4	73	4	0	73	6	8		
33	74	8	6	74	11	3	75	2	0	33	75	4	9	75	7	6	75	10	3		
34	76	11	8	77	2	6	77	5	4	34	77	8	2	77	11	0	78	1	10		
35	79	2	10	79	5	9	79	8	8	35	79	11	7	80	2	6	80	5	5		
50	113	2	4	113	6	6	113	10	8	50	114	2	10	114	7	0	114	11	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	3	2	0	2	3	3	0	2	3	4	1	0	2	3	5	0	2	3	7
2	0	4	6	4	0	4	6	6	0	4	6	8	2	0	4	6	10	0	4	7	2
3	0	6	9	6	0	6	9	9	0	6	10	0	3	0	6	10	6	0	6	10	9
4	0	9	0	8	0	9	1	0	0	9	1	4	4	0	9	1	8	0	9	2	4
5	0	11	3	10	0	11	4	3	0	11	4	8	5	0	11	5	1	0	11	5	11
6	1	1	7	0	1	1	7	6	1	1	8	0	6	1	1	9	0	1	1	9	6
7	1	3	10	2	1	3	10	9	1	3	11	4	7	1	3	11	11	1	4	1	1
8	1	6	1	4	1	6	2	0	1	6	2	8	8	1	6	3	4	1	6	4	8
9	1	8	4	6	1	8	5	3	1	8	6	0	9	1	8	6	9	1	8	7	6
10	1	10	7	8	1	10	8	6	1	10	9	4	10	1	10	10	2	1	10	11	10
11	2	0	10	10	2	0	11	9	2	1	0	8	11	2	1	1	7	2	1	2	6



Length.	Area 332			Area 333			Area 334			Length.	Area 335			Area 336			Area 337				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	3	8	2	3	9	2	3	10	1	2	3	11	2	4	0	2	4	1		
2	4	7	4	4	7	6	4	7	8	2	4	7	10	4	8	0	4	8	2		
3	6	11	0	6	11	3	6	11	6	3	6	11	9	7	0	0	7	0	3		
4	9	2	8	9	3	0	9	3	4	4	9	3	8	9	4	0	9	4	4		
5	11	6	4	11	6	9	11	7	2	5	11	7	7	11	8	0	11	8	5		
6	13	10	0	13	10	6	13	11	0	6	13	11	6	14	0	0	14	0	6		
7	16	1	8	16	2	3	16	2	10	7	16	3	5	16	4	0	16	4	7		
8	18	5	4	18	6	0	18	6	8	8	18	7	4	18	8	0	18	8	8		
9	20	9	0	20	9	9	20	10	6	9	20	11	3	21	0	0	21	0	9		
10	23	0	8	23	1	6	23	2	4	10	23	3	2	23	4	0	23	4	10		
11	25	4	4	25	5	3	25	6	2	11	25	7	1	25	8	0	25	8	11		
12	27	8	0	27	9	0	27	10	0	12	27	11	0	28	0	0	28	1	0		
13	29	11	8	30	0	9	30	1	10	13	30	2	11	30	4	0	30	5	1		
14	32	3	4	32	4	6	32	5	8	14	32	6	10	32	8	0	32	9	2		
15	34	7	0	34	8	3	34	9	6	15	34	10	9	35	0	0	35	1	3		
16	36	10	8	37	0	0	37	1	4	16	37	2	8	37	4	0	37	5	4		
17	39	2	4	39	3	9	39	5	2	17	39	6	7	39	8	0	39	9	5		
18	41	6	0	41	7	6	41	9	0	18	41	10	6	42	0	0	42	1	6		
19	43	9	8	43	11	3	44	0	10	19	44	2	5	44	4	0	44	5	7		
20	46	1	4	46	3	0	46	4	8	20	46	6	4	46	8	0	46	9	8		
21	48	5	0	48	6	9	48	8	6	21	48	10	3	49	0	0	49	1	9		
22	50	8	8	50	10	6	51	0	4	22	51	2	2	51	4	0	51	5	10		
23	53	0	4	53	2	3	53	4	2	23	53	6	1	53	8	0	53	9	11		
24	55	4	0	55	6	0	55	8	0	24	55	10	0	56	0	0	56	2	0		
25	57	7	8	57	9	9	57	11	10	25	58	1	11	58	4	0	58	6	1		
26	59	11	4	60	1	6	60	3	8	26	60	5	10	60	8	0	60	10	2		
27	62	3	0	62	5	3	62	7	6	27	62	9	9	63	0	0	63	2	3		
28	64	6	8	64	9	0	64	11	4	28	65	1	8	65	4	0	65	6	4		
29	66	10	4	67	0	9	67	3	2	29	67	5	7	67	8	0	67	10	5		
30	69	2	0	69	4	6	69	7	0	30	69	9	6	70	0	0	70	2	6		
31	71	5	8	71	8	3	71	10	10	31	72	1	5	72	4	0	72	6	7		
32	73	9	4	74	0	0	74	2	8	32	74	5	4	74	8	0	74	10	8		
33	76	1	0	76	3	9	76	6	6	33	76	9	3	77	0	0	77	2	9		
34	78	4	8	78	7	6	78	10	4	34	79	1	2	79	4	0	79	6	10		
35	80	8	4	80	11	3	81	2	2	35	81	5	1	81	8	0	81	10	11		
50	115	3	4	115	7	6	115	11	8	50	116	3	10	116	8	0	117	0	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	3	8	0	2	3	9	0	2	3	10	1	0	2	3	11	0	2	4	1
2	0	4	7	4	0	4	7	6	0	4	7	8	2	0	4	7	10	0	4	8	2
3	0	6	11	0	0	6	11	3	0	6	11	6	3	0	6	11	9	0	7	0	3
4	0	9	2	3	0	9	3	0	0	9	3	4	4	0	9	3	8	0	9	4	4
5	0	11	6	4	0	11	6	9	0	11	7	2	5	0	11	7	7	0	11	8	5
6	1	1	10	0	1	1	10	6	1	1	11	0	6	1	1	11	6	1	2	0	6
7	1	4	1	8	1	4	2	3	1	4	2	10	7	1	4	3	5	1	4	4	7
8	1	6	5	4	1	6	6	0	1	6	6	8	8	1	6	7	4	1	6	8	8
9	1	8	9	0	1	8	9	9	1	8	10	6	9	1	8	11	3	1	9	0	9
10	1	11	0	8	1	11	1	6	1	11	2	4	10	1	11	3	2	1	11	4	10
11	2	1	4	4	2	1	5	3	2	1	6	2	11	2	1	8	0	2	1	8	11



Length.	Area 338			Area 339			Area 340			Length.	Area 341			Area 342			Area 343				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	4	2	2	4	3	2	4	4	1	2	4	5	2	4	6	2	4	7		
2	4	8	4	4	8	6	4	8	8	2	4	8	10	4	9	0	4	9	2		
3	7	0	6	7	0	9	7	1	0	3	7	1	3	7	1	6	7	1	9		
4	9	4	8	9	5	0	9	5	4	4	9	5	8	9	6	0	9	6	4		
5	11	8	10	11	9	3	11	9	8	5	11	10	1	11	10	6	11	10	11		
6	14	1	0	14	1	6	14	2	0	6	14	2	6	14	3	0	14	3	6		
7	16	5	2	16	5	9	16	6	4	7	16	6	11	16	7	6	16	8	1		
8	18	9	4	18	10	0	18	10	8	8	18	11	4	19	0	0	19	0	8		
9	21	1	6	21	2	3	21	3	0	9	21	3	9	21	4	6	21	5	3		
10	23	5	8	23	6	6	23	7	4	10	23	8	2	23	9	0	23	9	10		
11	25	9	10	25	10	9	25	11	8	11	26	0	7	26	1	6	26	2	5		
12	28	2	0	28	3	0	28	4	0	12	28	5	0	28	6	0	28	7	0		
13	30	6	2	30	7	3	30	8	4	13	30	9	5	30	10	6	30	11	7		
14	32	10	4	32	11	6	33	0	8	14	33	1	10	33	3	0	33	4	2		
15	35	2	6	35	3	9	35	5	0	15	35	6	3	35	7	6	35	8	9		
16	37	6	8	37	8	0	37	9	4	16	37	10	8	38	0	0	38	1	4		
17	39	10	10	40	0	3	40	1	8	17	40	3	1	40	4	6	40	5	11		
18	42	3	0	42	4	6	42	6	0	18	42	7	6	42	9	0	42	10	6		
19	44	7	2	44	8	9	44	10	4	19	44	11	11	45	1	6	45	3	1		
20	46	11	4	47	1	0	47	2	8	20	47	4	4	47	6	0	47	7	8		
21	49	3	6	49	5	3	49	7	0	21	49	8	9	49	10	6	50	0	3		
22	51	7	8	51	9	6	51	11	4	22	52	1	2	52	3	0	52	4	10		
23	53	11	10	54	1	9	54	3	8	23	54	5	7	54	7	6	54	9	5		
24	56	4	0	56	6	0	56	8	0	24	56	10	0	57	0	0	57	2	0		
25	58	8	2	58	10	3	59	0	4	25	59	2	5	59	4	6	59	6	7		
26	61	0	4	61	2	6	61	4	8	26	61	6	10	61	9	0	61	11	2		
27	63	4	6	63	6	9	63	9	0	27	63	11	3	64	1	6	64	3	9		
28	65	8	8	65	11	0	66	1	4	28	66	3	8	66	6	0	66	8	4		
29	68	0	10	68	3	3	68	5	8	29	68	8	1	68	10	6	69	0	11		
30	70	5	0	70	7	6	70	10	0	30	71	0	6	71	3	0	71	5	6		
31	72	9	2	72	11	9	73	2	4	31	73	4	11	73	7	6	73	10	1		
32	75	1	4	75	4	0	75	6	8	32	75	9	4	76	0	0	76	2	8		
33	77	5	6	77	8	3	77	11	0	33	78	1	9	78	4	6	78	7	3		
34	79	9	8	80	0	6	80	3	4	34	80	6	2	80	9	0	80	11	10		
35	82	1	10	82	4	9	82	7	8	35	82	10	7	83	1	6	83	4	5		
50	117	4	4	117	8	6	118	0	8	50	118	4	10	118	9	0	119	1	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	4	2	0	2	4	3	0	2	4	4	1	0	2	4	6	0	2	4	7
2	0	4	8	4	0	4	8	6	0	4	8	8	2	0	4	8	10	0	4	8	12
3	0	7	0	6	0	7	0	9	0	7	1	0	3	0	7	1	3	0	7	1	9
4	0	9	4	8	0	9	5	0	0	9	5	4	4	0	9	5	8	0	9	6	4
5	0	11	8	10	0	11	9	3	0	11	9	8	5	0	11	10	1	0	11	10	11
6	1	2	1	0	1	2	1	6	1	2	2	0	6	1	2	2	6	1	2	3	6
7	1	4	5	2	1	4	5	9	1	4	6	4	7	1	4	6	11	1	4	8	1
8	1	6	9	4	1	6	10	0	1	6	10	8	8	1	6	11	4	1	7	0	8
9	1	9	1	6	1	9	2	3	1	9	3	0	9	1	9	3	9	1	9	5	3
10	1	11	5	8	1	11	6	6	1	11	7	4	10	1	11	8	2	1	11	9	10
11	2	1	9	10	2	1	10	9	2	1	11	8	11	2	2	0	7	2	2	1	6

Length.	Area 344	Area 345	Area 346	Length.	Area 347	Area 348	Area 349
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	2 4 8	2 4 9	2 4 10	1	2 4 11	2 5 0	2 5 1
2	4 9 4	4 9 6	4 9 8	2	4 9 10	4 10 0	4 10 2
3	7 2 0	7 2 3	7 2 6	3	7 2 9	7 3 0	7 3 3
4	9 6 8	9 7 0	9 7 4	4	9 7 8	9 8 0	9 8 4
5	11 11 4	11 11 9	12 0 2	5	12 0 7	12 1 0	12 1 5
6	14 4 0	14 4 6	14 5 0	6	14 5 6	14 6 0	14 6 6
7	16 8 8	16 9 3	16 9 10	7	16 10 5	16 11 0	16 11 7
8	19 1 4	19 2 8	19 2 8	8	19 3 4	19 4 0	19 4 8
9	21 6 0	21 6 9	21 7 6	9	21 8 3	21 9 0	21 9 9
10	23 10 8	23 11 6	24 0 4	10	24 1 2	24 2 0	24 2 10
11	26 3 4	26 4 3	26 5 2	11	26 6 1	26 7 0	26 7 11
12	28 8 0	28 9 0	28 10 0	12	28 11 0	29 0 0	29 1 0
13	31 0 8	31 1 9	31 2 10	13	31 3 11	31 5 0	31 6 1
14	33 5 4	33 6 6	33 7 8	14	33 8 10	33 10 0	33 11 2
15	35 10 0	35 11 3	36 0 6	15	36 1 9	36 3 0	36 4 3
16	38 2 8	38 4 0	38 5 4	16	38 6 8	38 8 0	38 9 4
17	40 7 4	40 8 9	40 10 2	17	40 11 7	41 1 0	41 2 5
18	43 0 0	43 1 6	43 3 0	18	43 4 6	43 6 0	43 7 6
19	45 4 8	45 6 3	45 7 10	19	45 9 5	45 11 0	46 0 7
20	47 9 4	47 11 0	48 0 8	20	48 2 4	48 4 0	48 5 8
21	50 2 0	50 3 9	50 5 6	21	50 7 3	50 9 0	50 10 9
22	52 6 8	52 8 6	52 10 4	22	53 0 2	53 2 0	53 3 10
23	54 11 4	55 1 3	55 3 2	23	55 5 1	55 7 0	55 8 11
24	57 4 0	57 6 0	57 8 0	24	57 10 0	58 0 0	58 2 0
25	59 8 8	59 10 9	60 0 10	25	60 2 11	60 5 0	60 7 1
26	62 1 4	62 3 6	62 5 8	26	62 7 10	62 10 0	63 0 2
27	64 6 0	64 8 3	64 10 6	27	65 0 9	65 3 0	65 5 3
28	66 10 8	67 1 0	67 3 4	28	67 5 8	67 8 0	67 10 4
29	69 3 4	69 5 9	69 8 2	29	69 10 7	70 1 0	70 3 5
30	71 8 0	71 10 6	72 1 0	30	72 3 6	72 6 0	72 8 6
31	74 0 8	74 3 3	74 5 10	31	74 8 5	74 11 0	75 1 7
32	76 5 4	76 8 0	76 10 8	32	77 1 4	77 4 0	77 6 8
33	78 10 0	79 0 9	79 3 6	33	79 6 3	79 9 0	79 11 9
34	81 2 8	81 5 6	81 8 4	34	81 11 2	82 2 0	82 4 10
35	83 7 4	83 10 3	84 1 2	35	84 4 1	84 7 0	84 9 11
50	119 5 4	119 9 6	120 1 8	50	120 5 10	120 10 0	121 2 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 2 4 8	0 2 4 9	0 2 4 10	1	0 2 4 11	0 2 5 0	0 2 5 1
2	0 4 9 4	0 4 9 6	0 4 9 8	2	0 4 9 10	0 4 10 0	0 4 10 2
3	0 7 2 0	0 7 2 3	0 7 2 6	3	0 7 2 9	0 7 3 0	0 7 3 3
4	0 9 6 8	0 9 7 0	0 9 7 4	4	0 9 7 8	0 9 8 0	0 9 8 4
5	0 11 11 4	0 11 11 9	0 12 0 2	5	1 0 0 7	1 0 1 0	1 0 1 5
6	1 2 4 0	1 2 4 6	1 2 5 0	6	1 2 5 6	1 2 6 0	1 2 6 6
7	1 4 8 8	1 4 9 3	1 4 9 10	7	1 4 10 5	1 4 11 0	1 4 11 7
8	1 7 1 4	1 7 2 8	1 7 2 8	8	1 7 3 4	1 7 4 0	1 7 4 8
9	1 9 6 0	1 9 6 9	1 9 7 6	9	1 9 8 3	1 9 9 0	1 9 9 9
10	1 11 10 8	1 11 11 6	2 0 0 4	10	2 0 1 2	2 0 2 0	2 0 2 10
11	2 2 3 4	2 2 4 3	2 2 5 2	11	2 2 6 1	2 2 7 0	2 2 7 11

Length.	Area 350			Area 351			Area 352			Length.	Area 353			Area 354			Area 355				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	5	2	2	5	3	2	5	4	1	2	5	5	2	5	6	2	5	7		
2	4	10	4	4	10	6	4	10	8	2	4	10	10	4	11	0	4	11	2		
3	7	3	6	7	3	9	7	4	0	3	7	4	3	7	4	6	7	4	9		
4	9	8	8	9	9	0	9	9	4	4	9	9	8	9	10	0	9	10	4		
5	12	1	10	12	2	3	12	2	8	5	12	3	1	12	3	6	12	3	11		
6	14	7	0	14	7	6	14	8	0	6	14	8	6	14	9	0	14	9	6		
7	17	0	2	17	0	9	17	1	4	7	17	1	11	17	2	6	17	3	1		
8	19	5	4	19	6	0	19	6	8	8	19	7	4	19	8	0	19	8	8		
9	21	10	6	21	11	3	22	0	0	9	22	0	9	22	1	6	22	2	3		
10	24	3	8	24	4	6	24	5	4	10	24	6	2	24	7	0	24	7	10		
11	26	8	10	26	9	9	26	10	8	11	26	11	7	27	0	6	27	1	5		
12	29	2	0	29	3	0	29	4	0	12	29	5	0	29	6	0	29	7	0		
13	31	7	2	31	8	3	31	9	4	13	31	10	5	31	11	6	32	0	7		
14	34	0	4	34	1	6	34	2	8	14	34	3	10	34	5	0	34	6	2		
15	36	5	6	36	6	9	36	8	0	15	36	9	3	36	10	6	36	11	9		
16	38	10	8	39	0	0	39	1	4	16	39	2	8	39	4	0	39	5	4		
17	41	3	10	41	5	3	41	6	8	17	41	8	1	41	9	6	41	10	11		
18	43	9	0	43	10	6	44	0	0	18	44	1	6	44	3	0	44	4	6		
19	46	2	2	46	3	9	46	5	4	19	46	6	11	46	8	6	46	10	1		
20	48	7	4	48	9	0	48	10	8	20	49	0	4	49	2	0	49	3	8		
21	51	0	6	51	2	3	51	4	0	21	51	5	9	51	7	6	51	9	3		
22	53	5	8	53	7	6	53	9	4	22	53	11	2	54	1	0	54	2	10		
23	55	10	10	56	0	9	56	2	8	23	56	4	7	56	6	6	56	8	5		
24	58	4	0	58	6	0	58	8	0	24	58	10	0	59	0	0	59	2	0		
25	60	9	2	60	11	3	61	1	4	25	61	3	5	61	5	6	61	7	7		
26	63	2	4	63	4	6	63	6	8	26	63	8	10	63	11	0	64	1	2		
27	65	7	6	65	9	9	66	0	0	27	66	2	3	66	4	6	66	6	9		
28	68	0	8	68	3	0	68	5	4	28	68	7	8	68	10	0	69	0	4		
29	70	5	10	70	8	3	70	10	8	29	70	1	1	71	3	6	71	5	11		
30	72	11	0	73	1	6	73	4	0	30	73	6	6	73	9	0	73	11	6		
31	75	4	2	75	6	9	75	9	4	31	75	11	11	76	2	6	76	5	1		
32	77	9	4	78	0	0	78	2	8	32	78	5	4	78	8	0	78	10	8		
33	80	2	6	80	5	3	80	8	0	33	80	10	9	81	1	6	81	4	3		
34	82	7	8	82	10	6	83	1	4	34	83	4	2	83	7	0	83	9	10		
35	85	0	10	85	3	9	85	5	8	35	85	9	7	86	0	6	86	3	5		
50	121	6	4	121	10	6	122	2	8	50	122	6	10	122	11	0	123	3	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	5	2	0	2	5	3	0	2	5	4	1	0	2	5	6	0	2	5	7
2	0	4	10	4	0	4	10	6	0	4	10	8	2	0	4	11	0	0	4	11	2
3	0	7	3	6	0	7	3	9	0	7	4	0	3	0	7	4	6	0	7	4	9
4	0	9	8	8	0	9	9	0	0	9	9	4	4	0	9	10	0	0	9	10	4
5	1	0	1	10	1	0	2	3	1	0	2	8	5	1	0	3	1	0	3	11	
6	1	2	7	0	1	2	7	6	1	2	8	0	6	1	2	8	6	1	2	9	6
7	1	5	0	2	1	5	0	9	1	5	1	4	7	1	5	2	6	1	5	3	1
8	1	7	5	4	1	7	6	0	1	7	6	8	8	1	7	8	0	1	7	8	8
9	1	9	10	6	1	9	11	3	1	10	0	0	9	1	10	0	9	1	10	2	3
10	2	0	3	8	2	0	4	6	2	0	5	4	10	2	0	6	2	2	0	7	10
11	2	2	8	10	2	2	9	9	2	2	10	8	11	2	3	0	6	2	3	1	5



Length.	Area 356			Area 357			Area 358			Length.	Area 359			Area 360			Area 361				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	5	8	2	5	9	2	5	10	1	2	5	11	2	6	0	2	6	1		
2	4	11	4	4	11	6	4	11	8	2	4	11	10	5	0	0	5	0	2		
3	7	5	0	7	5	3	7	5	6	3	7	5	9	7	6	0	7	6	3		
4	9	10	8	9	11	0	9	11	4	4	9	11	8	10	0	0	10	0	4		
5	12	4	4	12	4	9	12	5	2	5	12	5	7	12	6	0	12	6	5		
6	14	10	0	14	10	6	14	11	0	6	14	11	6	15	0	0	15	0	6		
7	17	3	8	17	4	3	17	4	10	7	17	5	5	17	6	0	17	6	7		
8	19	9	4	19	10	0	19	10	8	8	19	11	4	20	0	0	20	0	8		
9	22	3	0	22	3	9	22	4	6	9	22	5	3	22	6	0	22	6	9		
10	24	8	8	24	9	6	24	10	4	10	24	11	2	25	0	0	25	0	10		
11	27	2	4	27	3	3	27	4	2	11	27	5	1	27	6	0	27	6	11		
12	29	8	0	29	9	0	29	10	0	12	29	11	0	30	0	0	30	1	0		
13	32	1	8	32	2	9	32	3	10	13	32	4	11	32	6	0	32	7	1		
14	34	7	4	34	8	6	34	9	8	14	34	10	10	35	0	0	35	1	2		
15	37	1	0	37	2	3	37	3	6	15	37	4	9	37	6	0	37	7	3		
16	39	6	8	39	8	0	39	9	4	16	39	10	8	40	0	0	40	1	4		
17	42	0	4	42	1	9	42	3	2	17	42	4	7	42	6	0	42	7	5		
18	44	6	0	44	7	6	44	9	0	18	44	10	6	45	0	0	45	1	6		
19	46	11	8	47	1	3	47	2	10	19	47	4	5	47	6	0	47	7	7		
20	49	5	4	49	7	0	49	8	8	20	49	10	4	50	0	0	50	1	8		
21	51	11	0	52	0	9	52	2	6	21	52	4	3	52	6	0	52	7	9		
22	54	4	8	54	6	6	54	8	4	22	54	10	2	55	0	0	55	1	10		
23	56	10	4	57	0	3	57	2	2	23	57	4	1	57	6	0	57	7	11		
24	59	4	0	59	6	0	59	8	0	24	59	10	0	60	0	0	60	2	0		
25	61	9	8	61	11	9	62	1	10	25	62	3	11	62	6	0	62	8	1		
26	64	3	4	64	5	6	64	7	8	26	64	9	10	65	0	0	65	2	2		
27	66	9	0	66	11	3	67	1	6	27	67	3	9	67	6	0	67	8	3		
28	69	2	8	69	5	0	69	7	4	28	69	9	8	70	0	0	70	2	4		
29	71	8	4	71	10	9	72	1	2	29	72	3	7	72	6	0	72	8	5		
30	74	2	0	74	4	6	74	7	0	30	74	9	6	75	0	0	75	2	6		
31	76	7	8	76	10	3	77	0	10	31	77	3	5	77	6	0	77	8	7		
32	79	1	4	79	4	0	79	6	8	32	79	9	4	80	0	0	80	2	8		
33	81	7	0	81	9	9	82	0	6	33	82	3	3	82	6	0	82	8	9		
34	84	0	8	84	3	6	84	6	4	34	84	9	2	85	0	0	85	2	10		
35	86	6	4	86	9	3	87	0	2	35	87	3	1	87	6	0	87	8	11		
50	123	7	4	123	11	6	124	3	8	50	124	7	10	125	0	0	125	4	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	5	8	0	2	5	9	0	2	5	10	1	0	2	5	11	0	2	6	1
2	0	4	11	4	0	4	11	6	0	4	11	8	2	0	4	11	10	0	5	0	2
3	0	7	5	0	0	7	5	3	0	7	5	6	3	0	7	5	9	0	7	6	3
4	0	9	10	8	0	9	11	0	0	9	11	4	4	0	9	11	8	0	10	0	4
5	1	0	4	4	1	0	4	9	1	0	5	2	5	1	0	5	7	1	0	6	5
6	1	2	10	0	1	2	10	6	1	2	11	0	6	1	2	11	6	1	3	0	6
7	1	5	3	8	1	5	4	3	1	5	4	10	7	1	5	5	1	5	6	7	
8	1	7	9	4	1	7	10	0	1	7	10	8	8	1	7	11	4	1	8	0	8
9	1	10	3	0	1	10	3	9	1	10	4	6	9	1	10	5	3	1	10	6	9
10	2	0	8	8	2	0	9	6	2	0	10	4	10	2	0	11	2	2	1	0	10
11	2	3	2	4	2	3	3	3	2	3	4	2	11	2	3	5	1	2	3	6	11



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Length.	Area 362			Area 363			Area 364			Length.	Area 365			Area 366			Area 367				
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		
1	2	6	2	2	6	3	2	6	4	1	2	6	5	2	6	6	2	6	7		
2	5	0	4	5	0	6	5	0	8	2	5	0	10	5	1	0	5	1	2		
3	7	6	6	7	6	9	7	7	0	3	7	7	3	7	7	6	7	7	9		
4	10	0	8	10	1	0	10	1	4	4	10	1	8	10	2	0	10	2	4		
5	12	6	10	12	7	3	12	7	8	5	12	8	1	12	8	6	12	8	11		
6	15	1	0	15	1	6	15	2	0	6	15	2	6	15	3	0	15	3	6		
7	17	7	2	17	7	9	17	8	4	7	17	8	11	17	9	6	17	10	1		
8	20	1	4	20	2	0	20	2	8	8	20	3	4	20	4	0	20	4	8		
9	22	7	6	22	8	3	22	9	0	9	22	9	9	22	10	6	22	11	3		
10	25	1	8	25	2	6	25	3	4	10	25	4	2	25	5	0	25	5	10		
11	27	7	10	27	8	9	27	9	8	11	27	10	7	27	11	6	28	0	5		
12	30	2	0	30	3	0	30	4	0	12	30	5	0	30	6	0	30	7	0		
13	32	8	2	32	9	3	32	10	4	13	32	11	5	33	0	6	33	1	7		
14	35	2	4	35	3	6	35	4	8	14	35	5	10	35	7	0	35	8	2		
15	37	8	6	37	9	9	37	11	0	15	38	0	3	38	1	6	38	2	9		
16	40	2	8	40	4	0	40	5	4	16	40	6	8	40	8	0	40	9	4		
17	42	8	10	42	10	3	42	11	8	17	43	1	1	43	2	6	43	3	11		
18	45	3	0	45	4	6	45	6	0	18	45	7	6	45	9	0	45	10	6		
19	47	9	2	47	10	9	48	0	4	19	48	1	11	48	3	6	48	5	1		
20	50	3	4	50	5	0	50	6	8	20	50	8	4	50	10	0	50	11	8		
21	52	9	6	52	11	3	53	1	0	21	53	2	9	53	4	6	53	6	3		
22	55	3	8	55	5	6	55	7	4	22	55	9	2	55	11	0	56	0	10		
23	57	9	10	57	11	9	58	1	8	23	58	3	7	58	5	6	58	7	5		
24	60	4	0	60	6	0	60	8	0	24	60	10	0	61	0	0	61	2	0		
25	62	10	2	63	0	3	63	2	4	25	63	4	5	63	6	6	63	8	7		
26	65	4	4	65	6	6	65	8	8	26	65	10	10	66	1	0	66	3	2		
27	67	10	6	68	0	9	68	3	0	27	68	5	3	68	7	6	68	9	9		
28	70	4	8	70	7	0	70	9	4	28	70	11	8	71	2	0	71	4	4		
29	72	10	10	73	1	3	73	3	8	29	73	6	1	73	8	6	73	10	11		
30	75	5	0	75	7	6	75	10	0	30	76	0	6	76	3	0	76	5	6		
31	77	11	2	78	1	9	78	4	4	31	78	6	11	78	9	6	79	0	1		
32	80	5	4	80	8	0	80	10	8	32	81	1	4	81	4	0	81	6	8		
33	82	11	6	83	2	3	83	5	0	33	83	7	9	83	10	6	84	1	3		
34	85	5	8	85	8	6	85	11	4	34	86	2	2	86	5	0	86	7	10		
35	87	11	10	88	2	9	88	5	8	35	88	8	7	88	11	6	89	2	5		
50	125	8	4	126	0	6	126	4	8	50	126	8	10	127	1	0	127	5	2		
In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.	In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.		
1	0	2	6	2	0	2	6	3	0	2	6	4	1	0	2	6	6	0	2	6	7
2	0	5	0	4	0	5	0	6	0	5	0	8	2	0	5	0	10	0	5	1	2
3	0	7	6	6	0	7	6	9	0	7	7	0	3	0	7	7	6	0	7	7	9
4	0	10	0	8	0	10	1	0	0	10	1	4	4	0	10	1	8	0	10	2	4
5	1	0	6	10	1	0	7	3	1	0	7	8	5	1	0	8	6	1	0	8	11
6	1	3	1	0	1	3	1	6	1	3	2	0	6	1	3	2	6	1	3	3	6
7	1	5	7	2	1	5	7	9	1	5	8	4	7	1	5	8	11	1	5	9	6
8	1	8	1	4	1	8	2	0	1	8	2	8	8	1	8	3	4	1	8	4	8
9	1	10	7	6	1	10	8	3	1	10	9	0	9	1	10	9	9	1	10	10	3
10	2	1	1	8	2	1	2	6	2	1	3	4	10	2	1	4	2	2	1	5	0
11	2	3	7	10	2	3	8	9	2	3	9	8	11	2	3	10	7	2	3	11	6

Length.	Area 368			Area 369			Area 370			Length.	Area 371			Area 372			Area 373				
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		
1	2	6	8	2	6	9	2	6	10	1	2	6	11	2	7	0	2	7	1		
2	5	1	4	5	1	6	5	1	8	2	5	1	10	5	2	0	5	2	2		
3	7	8	0	7	8	3	7	8	6	3	7	8	9	7	9	0	7	9	3		
4	10	2	8	10	3	0	10	3	4	4	10	3	8	10	4	0	10	4	4		
5	12	9	4	12	9	9	12	10	2	5	12	10	7	12	11	0	12	11	5		
6	15	4	0	15	4	6	15	5	0	6	15	5	6	15	6	0	15	6	6		
7	17	10	8	17	11	3	17	11	10	7	18	0	5	18	1	0	18	1	7		
8	20	5	4	20	6	0	20	6	8	8	20	7	4	20	8	0	20	8	8		
9	23	0	0	23	0	9	23	1	6	9	23	2	3	23	3	0	23	3	9		
10	25	6	8	25	7	6	25	8	4	10	25	9	2	25	10	0	25	10	10		
11	28	1	4	28	2	3	28	3	2	11	28	4	1	28	5	0	28	5	11		
12	30	8	0	30	9	0	30	10	0	12	30	11	0	31	0	0	31	1	0		
13	33	2	8	33	3	9	33	4	10	13	33	5	11	33	7	0	33	8	1		
14	35	9	4	35	10	6	35	11	8	14	36	0	10	36	2	0	36	3	2		
15	38	4	0	38	5	3	38	6	6	15	38	7	9	38	9	0	38	10	3		
16	40	10	8	41	0	0	41	1	4	16	41	2	8	41	4	0	41	5	4		
17	43	5	4	43	6	9	43	8	2	17	43	9	7	43	11	0	44	0	5		
18	46	0	0	46	1	6	46	3	0	18	46	4	6	46	6	0	46	7	6		
19	48	6	8	48	8	3	48	9	10	19	48	11	5	49	1	0	49	2	7		
20	51	1	4	51	3	0	51	4	8	20	51	6	4	51	8	0	51	9	8		
21	53	8	0	53	9	9	53	11	6	21	54	1	3	54	3	0	54	4	9		
22	56	2	8	56	4	6	56	6	4	22	56	8	2	56	10	0	56	11	10		
23	58	9	4	58	11	3	59	1	2	23	59	3	1	59	5	0	59	6	11		
24	61	4	0	61	6	0	61	8	0	24	61	10	0	62	0	0	62	2	0		
25	63	10	8	64	0	9	64	2	10	25	64	4	11	64	7	0	64	9	1		
26	66	5	4	66	7	6	66	9	8	26	66	11	10	67	2	0	67	4	2		
27	69	0	0	69	2	3	69	4	6	27	69	6	9	69	9	0	69	11	5		
28	71	6	8	71	9	0	71	11	4	28	72	1	8	72	4	0	72	6	4		
29	74	1	4	74	3	9	74	6	2	29	74	8	7	74	11	0	75	1	5		
30	76	8	0	76	10	6	77	1	0	30	77	3	6	77	6	0	77	8	6		
31	79	2	8	79	5	3	79	7	10	31	79	10	5	80	1	0	80	3	7		
32	81	9	4	82	0	0	82	2	8	32	82	5	4	82	8	0	82	10	8		
33	84	4	0	84	6	9	84	9	6	33	85	0	3	85	3	0	85	5	9		
34	86	10	8	87	1	6	87	4	4	34	87	7	2	87	10	0	88	0	10		
35	89	5	4	89	8	3	89	11	2	35	90	2	1	90	5	0	90	7	11		
50	127	9	4	128	1	6	128	5	8	50	128	9	10	129	2	0	129	6	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	6	8	0	2	6	9	0	2	6	10	1	0	2	6	11	0	2	7	1
2	0	5	1	4	0	5	1	6	0	5	1	8	2	0	5	1	10	0	5	2	0
3	0	7	8	0	7	8	3	0	7	8	6	3	0	7	8	9	0	7	9	3	2
4	0	10	2	8	0	10	3	0	0	10	3	4	4	0	10	3	8	0	10	4	4
5	1	0	9	4	1	0	9	9	1	0	10	2	5	1	0	10	7	1	0	11	5
6	1	3	4	0	1	3	4	6	1	3	5	0	6	1	3	5	6	1	3	6	6
7	1	5	10	8	1	5	11	3	1	5	11	10	7	1	6	0	5	1	6	1	7
8	1	8	5	4	1	8	6	0	1	8	6	8	8	1	8	7	4	1	8	8	8
9	1	11	0	0	1	11	0	9	1	11	1	6	9	1	11	2	3	1	11	3	9
10	2	1	6	8	2	1	7	6	2	1	8	4	10	2	1	9	2	2	1	10	0
11	2	4	1	4	2	4	2	3	2	4	3	2	11	2	4	4	1	2	4	5	11

Length.	Area 374			Area 375			Area 376			Length.	Area 377			Area 378			Area 379				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	7	2	2	7	3	2	7	4	1	2	7	5	2	7	6	2	7	7		
2	5	2	4	5	2	6	5	2	8	2	5	2	10	5	3	0	5	3	2		
3	7	9	6	7	9	9	7	10	0	3	7	10	3	7	10	6	7	10	9		
4	10	4	8	10	5	0	10	5	4	4	10	5	8	10	6	0	10	6	4		
5	12	11	10	13	0	3	13	0	8	5	13	1	1	13	1	6	13	1	11		
6	15	7	0	15	7	6	15	8	0	6	15	8	6	15	9	0	15	9	6		
7	18	2	2	18	2	9	18	3	4	7	18	3	11	18	4	6	18	5	1		
8	20	9	4	20	10	0	20	10	8	8	20	11	4	21	0	0	21	0	8		
9	23	4	6	23	5	3	23	6	0	9	23	6	9	23	7	6	23	8	3		
10	25	11	8	26	0	6	26	1	4	10	26	2	2	26	3	0	26	3	10		
11	28	6	10	28	7	9	28	8	8	11	28	9	7	28	10	6	28	11	5		
12	31	2	0	31	3	0	31	4	0	12	31	5	0	31	6	0	31	7	0		
13	33	9	2	33	10	3	33	11	4	13	34	0	5	34	1	6	34	2	7		
14	36	4	4	36	5	6	36	6	8	14	36	7	10	36	9	0	36	10	2		
15	38	11	6	39	0	9	39	2	0	15	39	3	3	39	4	6	39	5	9		
16	41	6	8	41	8	0	41	9	4	16	41	10	8	42	0	0	42	1	4		
17	44	1	10	44	3	3	44	4	8	17	44	6	1	44	7	6	44	8	11		
18	46	9	0	46	10	6	47	0	0	18	47	1	6	47	3	0	47	4	6		
19	49	4	2	49	5	9	49	7	4	19	49	8	11	49	10	6	50	0	1		
20	51	11	4	52	1	0	52	2	8	20	52	4	4	52	6	0	52	7	8		
21	54	6	6	54	8	3	54	10	0	21	54	11	9	55	1	6	55	3	3		
22	57	1	8	57	3	6	57	5	4	22	57	7	2	57	9	0	57	10	10		
23	59	8	10	59	10	9	60	0	8	23	60	2	7	60	4	6	60	6	5		
24	62	4	0	62	6	0	62	8	0	24	62	10	0	63	0	0	63	2	0		
25	64	11	2	65	1	3	65	3	4	25	65	5	5	65	7	6	65	9	7		
26	67	6	4	67	8	6	67	10	8	26	68	0	10	68	3	0	68	5	2		
27	70	1	6	70	3	9	70	6	0	27	70	8	3	70	10	6	71	0	9		
28	72	8	8	72	11	0	73	1	4	28	73	3	8	73	6	0	73	8	4		
29	75	3	10	75	6	3	75	8	8	29	75	11	1	76	1	6	76	3	11		
30	77	11	0	78	1	6	78	4	0	30	78	6	6	78	9	0	78	11	6		
31	80	6	2	80	8	9	80	11	4	31	81	1	11	81	4	6	81	7	1		
32	83	1	4	83	4	0	83	6	8	32	83	9	4	84	0	0	84	2	8		
33	85	8	6	85	11	3	86	2	0	33	86	4	9	86	7	6	86	10	3		
34	88	3	8	88	6	6	88	9	4	34	89	0	2	89	3	0	89	5	10		
35	90	10	10	91	1	9	91	4	8	35	91	7	7	91	10	6	92	1	5		
50	129	10	4	130	2	6	130	6	8	50	130	10	10	131	3	0	131	7	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	7	2	0	2	7	3	0	2	7	4	1	0	2	7	5	0	2	7	6
2	0	5	2	4	0	5	2	6	0	5	2	8	2	0	5	2	10	0	5	3	2
3	0	7	9	6	0	7	9	9	0	7	10	0	3	0	7	10	3	0	7	10	9
4	0	10	4	8	0	10	5	0	0	10	5	4	4	0	10	5	8	0	10	6	4
5	1	0	11	10	1	1	0	3	1	1	0	8	5	1	1	1	1	1	1	1	1
6	1	3	7	0	1	3	7	6	1	3	8	0	6	1	3	8	6	1	3	9	6
7	1	6	2	2	1	6	2	9	1	6	3	4	7	1	6	3	11	1	6	4	6
8	1	8	9	4	1	8	10	0	1	8	10	8	8	1	8	11	4	1	9	0	8
9	1	11	4	6	1	11	5	3	1	11	6	0	9	1	11	6	9	1	11	7	6
10	2	1	11	8	2	2	0	6	2	2	1	4	10	2	2	2	2	2	2	3	10
11	2	4	6	10	2	4	7	9	2	4	8	8	11	2	4	9	7	2	4	10	6



Length.	Area 330			Area 331			Area 382			Length.	Area 383			Area 384			Area 385			
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	
1	2	7	8	2	7	9	2	7	10	1	2	7	11	2	8	0	2	8	1	
2	5	3	4	5	3	6	5	3	8	2	5	3	10	5	4	0	5	4	2	
3	7	11	0	7	11	3	7	11	6	3	7	11	9	8	0	0	8	0	3	
4	10	6	8	10	7	0	10	7	4	4	10	7	8	10	8	0	10	8	4	
5	13	2	4	13	2	9	13	3	2	5	13	3	7	13	4	0	13	4	5	
6	15	10	0	15	10	6	15	11	0	6	15	11	6	16	0	0	16	0	6	
7	18	5	8	18	6	3	18	6	10	7	18	7	5	18	8	0	18	8	7	
8	21	1	4	21	2	0	21	2	8	8	21	3	4	21	4	0	21	4	8	
9	23	9	0	23	9	9	23	10	6	9	23	11	3	24	0	0	24	0	9	
10	26	4	8	26	5	6	26	6	4	10	26	7	2	26	8	0	26	8	10	
11	29	0	4	29	1	3	29	2	2	11	29	3	1	29	4	0	29	4	11	
12	31	8	0	31	9	0	31	10	0	12	31	11	0	32	0	0	32	1	0	
13	34	3	8	34	4	9	34	5	10	13	34	6	11	34	8	0	34	9	1	
14	36	11	4	37	0	6	37	1	8	14	37	2	10	37	4	0	37	5	2	
15	39	7	0	39	8	3	39	9	6	15	39	10	9	40	0	0	40	1	3	
16	42	2	8	42	4	0	42	5	4	16	42	6	8	42	8	0	42	9	4	
17	44	10	4	44	11	9	45	1	2	17	45	2	7	45	4	0	45	5	5	
18	47	6	0	47	7	6	47	9	0	18	47	10	6	48	0	0	48	1	6	
19	50	1	8	50	3	3	50	4	10	19	50	6	5	50	8	0	50	9	7	
20	52	9	4	52	11	0	53	0	8	20	53	2	4	53	4	0	53	5	8	
21	55	5	0	55	6	9	55	8	6	21	55	10	3	56	0	0	56	1	9	
22	58	0	8	58	2	6	58	4	4	22	58	6	2	58	8	0	58	9	10	
23	60	8	4	60	10	3	61	0	2	23	61	2	1	61	4	0	61	5	11	
24	63	4	0	63	6	0	63	8	0	24	63	10	0	64	0	0	64	2	0	
25	65	11	8	66	1	9	66	3	10	25	66	5	11	66	8	0	66	10	1	
26	68	7	4	68	9	6	68	11	8	26	69	1	10	69	4	0	69	6	2	
27	71	3	0	71	5	3	71	7	6	27	71	9	9	72	0	0	72	2	3	
28	73	10	8	74	1	0	74	3	4	28	74	5	8	74	8	0	74	10	4	
29	76	6	4	76	8	9	76	11	2	29	77	1	7	77	4	0	77	6	5	
30	79	2	0	79	4	6	79	7	0	30	79	9	6	80	0	0	80	2	6	
31	81	9	8	82	0	3	82	2	10	31	82	5	5	82	8	0	82	10	7	
32	84	5	4	84	8	0	84	10	8	32	85	1	4	85	4	0	85	6	8	
33	87	1	0	87	3	9	87	6	6	33	87	9	3	88	0	0	88	2	9	
34	89	8	8	89	11	6	90	2	4	34	90	5	2	90	8	0	90	10	10	
35	92	4	4	92	7	3	92	10	2	35	93	1	1	93	4	0	93	6	11	
50	131	11	4	132	3	6	132	7	8	50	132	11	10	133	4	0	133	8	2	
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	7	8	0	2	7	9	0	2	7	10	1	0	2	8	0	2	8	1
2	0	5	3	4	0	5	3	6	0	5	3	8	2	0	5	4	0	5	4	2
3	0	7	11	0	0	7	11	3	0	7	11	6	3	0	7	11	9	0	8	0
4	0	10	6	8	0	10	7	0	0	10	7	4	4	0	10	8	0	0	10	8
5	1	1	2	4	1	1	2	9	1	1	3	2	5	1	1	3	7	1	1	4
6	1	3	10	0	1	3	10	6	1	3	11	0	6	1	3	11	6	1	4	0
7	1	6	5	8	1	6	6	3	1	6	6	10	7	1	6	7	5	1	6	8
8	1	9	1	4	1	9	2	0	1	9	2	8	8	1	9	3	4	1	9	4
9	1	11	9	0	1	11	9	9	1	11	10	6	9	1	11	11	3	2	0	0
10	2	2	4	8	2	2	5	6	2	2	6	4	10	2	2	7	2	2	8	0
11	2	5	0	4	2	5	1	3	2	5	2	2	11	2	5	3	1	2	5	4



Length.	Area 386	Area 387	Area 388	Length.	Area 389	Area 390	Area 391
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	2 8 2	2 8 3	2 8 4	1	2 8 5	2 8 6	2 8 7
2	5 4 4	5 4 6	5 4 8	2	5 4 10	5 5 0	5 5 2
3	8 0 6	8 0 9	8 1 0	3	8 1 3	8 1 6	8 1 9
4	10 8 8	10 9 0	10 9 4	4	10 9 8	10 10 0	10 10 4
5	13 4 10	13 5 3	13 5 8	5	13 6 1	13 6 6	13 6 11
6	16 1 0	16 1 6	16 2 0	6	16 2 6	16 3 0	16 3 6
7	18 9 2	18 9 9	18 10 4	7	18 10 11	18 11 6	19 0 1
8	21 5 4	21 6 0	21 6 8	8	21 7 4	21 8 0	21 8 8
9	24 1 6	24 2 3	24 3 0	9	24 3 9	24 4 6	24 5 3
10	26 9 8	26 10 6	26 11 4	10	27 0 2	27 1 0	27 1 10
11	29 5 10	29 6 9	29 7 8	11	29 8 7	29 9 6	29 10 5
12	32 2 0	32 3 0	32 4 0	12	32 5 0	32 6 0	32 7 0
13	34 10 2	34 11 3	35 0 4	13	35 1 5	35 2 6	35 3 7
14	37 6 4	37 7 6	37 8 8	14	37 9 10	37 11 0	38 0 2
15	40 2 6	40 3 9	40 5 0	15	40 6 3	40 7 6	40 8 9
16	42 10 8	43 0 0	43 1 4	16	43 2 8	43 4 0	43 5 4
17	45 6 10	45 8 3	45 9 8	17	45 11 1	46 0 6	46 1 11
18	48 3 0	48 4 6	48 6 0	18	48 7 6	48 9 0	48 10 6
19	50 11 2	51 0 9	51 2 4	19	51 3 11	51 5 6	51 7 1
20	53 7 4	53 9 0	53 10 8	20	54 0 4	54 2 0	54 3 8
21	56 3 6	56 5 3	56 7 0	21	56 8 9	56 10 6	57 0 3
22	58 11 8	59 1 6	59 3 4	22	59 5 2	59 7 0	59 8 10
23	61 7 10	61 9 9	61 11 8	23	62 1 7	62 3 6	62 5 5
24	64 4 0	64 6 0	64 8 0	24	64 10 0	65 0 0	65 2 0
25	67 0 2	67 2 3	67 4 4	25	67 6 5	67 8 6	67 10 7
26	69 8 4	69 10 6	70 0 8	26	70 2 10	70 5 0	70 7 2
27	72 4 6	72 6 9	72 9 0	27	72 11 3	73 1 6	73 3 9
28	75 0 8	75 3 0	75 5 4	28	75 7 8	75 10 0	76 0 4
29	77 8 10	77 11 3	78 1 8	29	78 4 1	78 6 6	78 8 11
30	80 5 0	80 7 6	80 10 0	30	81 0 6	81 3 0	81 5 6
31	83 1 2	83 3 9	83 6 4	31	83 8 11	83 11 6	84 2 1
32	85 9 4	86 0 0	86 2 8	32	86 5 4	86 8 0	86 10 8
33	88 5 6	88 8 3	88 11 0	33	89 1 9	89 4 6	89 7 3
34	91 1 8	91 4 6	91 7 4	34	91 10 2	92 1 0	92 3 10
35	93 9 10	94 0 9	94 3 8	35	94 6 7	94 9 6	95 0 5
50	134 0 4	134 4 6	134 8 8	50	135 0 10	135 5 0	135 9 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 2 8 2	0 2 8 3	0 2 8 4	1	0 2 8 5	0 2 8 6	0 2 8 7
2	0 5 4 4	0 5 4 6	0 5 4 8	2	0 5 4 10	0 5 5 0	0 5 5 2
3	0 8 0 6	0 8 0 9	0 8 1 0	3	0 8 1 3	0 8 1 6	0 8 1 9
4	0 10 8 8	0 10 9 0	0 10 9 4	4	0 10 9 8	0 10 10 0	0 10 10 4
5	1 1 4 10	1 1 5 3	1 1 5 8	5	1 1 6 11	1 1 6 6	1 1 6 11
6	1 4 1 0	1 4 1 6	1 4 2 0	6	1 4 2 6	1 4 3 0	1 4 3 6
7	1 6 9 2	1 6 9 9	1 6 10 4	7	1 6 10 11	1 6 11 6	1 6 11 6
8	1 9 5 4	1 9 6 0	1 9 6 8	8	1 9 7 4	1 9 8 0	1 9 8 8
9	2 0 1 6	2 0 2 3	2 0 3 0	9	2 0 3 9	2 0 4 6	2 0 5 3
10	2 2 9 8	2 2 10 6	2 2 11 4	10	2 3 0 2	2 3 1 0	2 3 1 10
11	2 5 5 10	2 5 6 9	2 5 7 8	11	2 5 8 7	2 5 9 6	2 5 10 5

Length.	Area 392			Area 393			Area 394			Length.	Area 395			Area 396			Area 397				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	8	8	2	8	9	2	8	10	1	2	8	11	2	9	0	2	9	1		
2	5	5	4	5	5	6	5	5	8	2	5	5	10	5	6	0	5	6	2		
3	8	2	0	8	2	3	8	2	6	3	8	2	9	8	3	0	8	3	3		
4	10	10	8	10	11	0	10	11	4	4	10	11	8	11	0	0	11	0	4		
5	13	7	4	13	7	9	13	8	2	5	13	8	7	13	9	0	13	9	5		
6	16	4	0	16	4	6	16	5	0	6	16	5	6	16	6	0	16	6	6		
7	19	0	8	19	1	3	19	1	10	7	19	2	5	19	3	0	19	3	7		
8	21	9	4	21	10	0	21	10	8	8	21	11	4	22	0	0	22	0	8		
9	24	6	0	24	6	9	24	7	6	9	24	8	3	24	9	0	24	9	9		
10	27	2	8	27	3	6	27	4	4	10	27	5	2	27	6	0	27	6	10		
11	29	11	4	30	0	3	30	1	2	11	30	2	1	30	3	0	30	3	11		
12	32	8	0	32	9	0	32	10	0	12	32	11	0	33	0	0	33	1	0		
13	35	4	8	35	5	9	35	6	10	13	35	7	11	35	9	0	35	10	1		
14	38	1	4	38	2	6	38	3	8	14	38	4	10	38	6	0	38	7	2		
15	40	10	0	40	11	3	41	0	6	15	41	1	9	41	3	0	41	4	3		
16	43	6	8	43	8	0	43	9	4	16	43	10	8	44	0	0	44	1	4		
17	46	3	4	46	4	9	46	6	2	17	46	7	7	46	9	0	46	10	5		
18	49	0	0	49	1	6	49	3	0	18	49	4	6	49	6	0	49	7	6		
19	51	8	8	51	10	3	51	11	10	19	52	1	5	52	3	0	52	4	7		
20	54	5	4	54	7	0	54	8	8	20	54	10	4	55	0	0	55	1	8		
21	57	2	0	57	3	9	57	5	6	21	57	7	3	57	9	0	57	10	9		
22	59	10	8	60	0	6	60	2	4	22	60	4	2	60	6	0	60	7	10		
23	62	7	4	62	9	3	62	11	2	23	63	1	1	63	3	0	63	4	11		
24	65	4	0	65	6	0	65	8	0	24	65	10	0	66	0	0	66	2	0		
25	68	0	8	68	2	9	68	4	10	25	68	6	11	68	9	0	68	11	1		
26	70	9	4	70	11	6	71	1	8	26	71	3	10	71	6	0	71	8	2		
27	73	6	0	73	8	3	73	10	6	27	74	0	9	74	3	0	74	5	3		
28	76	2	8	76	5	0	76	7	4	28	76	9	8	77	0	0	77	2	4		
29	78	11	4	79	1	9	79	4	2	29	79	6	7	79	9	0	79	11	5		
30	81	8	0	81	10	6	82	1	0	30	82	3	6	82	6	0	82	8	6		
31	84	4	8	84	7	3	84	9	10	31	85	0	5	85	3	0	85	5	7		
32	87	1	4	87	4	0	87	6	8	32	87	9	4	88	0	0	88	2	8		
33	89	10	0	90	0	9	90	3	6	33	90	6	3	90	9	0	90	11	9		
34	92	6	8	92	9	6	93	0	4	34	93	3	2	93	6	0	93	8	10		
35	95	3	4	95	6	3	95	9	2	35	96	0	1	96	3	0	96	5	11		
50	136	1	4	136	5	6	136	9	8	50	137	1	10	137	6	0	137	10	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	8	8	0	2	8	9	0	2	8	10	1	0	2	9	0	0	2	9	1
2	0	5	5	4	0	5	5	6	0	5	5	8	2	0	5	6	0	0	5	6	2
3	0	8	2	0	0	8	2	3	0	8	2	6	3	0	8	3	0	0	8	3	3
4	0	10	10	8	0	10	11	0	0	10	11	4	4	0	10	11	0	0	11	0	4
5	1	1	7	4	1	1	7	9	1	1	8	2	5	1	1	8	7	1	1	9	5
6	1	4	4	0	1	4	4	6	1	4	5	0	6	1	4	5	6	1	4	6	6
7	1	7	0	8	1	7	1	3	1	7	1	10	7	1	7	2	5	1	7	3	7
8	1	9	9	4	1	9	10	0	1	9	10	8	8	1	9	11	4	1	10	0	8
9	2	0	6	0	2	0	6	9	2	0	7	6	9	2	0	8	3	2	0	9	9
10	2	3	2	8	2	3	3	6	2	3	4	4	10	2	3	5	2	2	3	6	10
11	2	5	11	4	2	6	0	3	2	6	1	2	11	2	6	3	0	2	6	3	11

Length.	Area 398			Area 399			Area 400			Length.	Area 401			Area 402			Area 403				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	9	2	2	9	3	2	9	4	1	2	9	5	2	9	6	2	9	7		
2	5	6	4	5	6	6	5	6	8	2	5	6	10	5	7	0	5	7	2		
3	8	3	6	8	3	9	8	4	0	3	8	4	3	8	4	6	8	4	9		
4	11	0	8	11	1	0	11	1	4	4	11	1	8	11	2	0	11	2	4		
5	13	9	10	13	10	3	13	10	8	5	13	11	1	13	11	6	13	11	11		
6	16	7	0	16	7	6	16	8	0	6	16	8	6	16	9	0	16	9	6		
7	19	4	2	19	4	9	19	5	4	7	19	5	11	19	6	6	19	7	1		
8	22	1	4	22	2	0	22	2	8	8	22	3	4	22	4	0	22	4	8		
9	24	10	6	24	11	3	25	0	0	9	25	0	9	25	1	6	25	2	3		
10	27	7	8	27	8	6	27	9	4	10	27	10	2	27	11	0	27	11	10		
11	30	4	10	30	5	9	30	6	8	11	30	7	7	30	8	6	30	9	5		
12	33	2	0	33	3	0	33	4	0	12	33	5	0	33	6	0	33	7	0		
13	35	11	2	36	0	3	36	1	4	13	36	2	5	36	3	6	36	4	7		
14	38	8	4	38	9	6	38	10	8	14	38	11	10	39	1	0	39	2	2		
15	41	5	6	41	6	9	41	8	0	15	41	9	3	41	10	6	41	11	9		
16	44	2	8	44	4	0	44	5	4	16	44	6	8	44	8	0	44	9	4		
17	46	11	10	47	1	3	47	2	8	17	47	4	1	47	5	6	47	6	11		
18	49	9	0	49	10	6	50	0	0	18	50	1	6	50	3	0	50	4	6		
19	52	6	2	52	7	9	52	9	4	19	52	10	11	53	0	6	53	2	1		
20	55	3	4	55	5	0	55	6	8	20	55	8	4	55	10	0	55	11	8		
21	58	0	6	58	2	3	58	4	0	21	58	5	9	58	7	6	58	9	3		
22	60	9	8	60	11	6	61	1	4	22	61	3	2	61	5	0	61	6	10		
23	63	6	10	63	8	9	63	10	8	23	64	0	7	64	2	6	64	4	5		
24	66	4	0	66	6	0	66	8	0	24	66	10	0	67	0	0	67	2	0		
25	69	1	2	69	3	3	69	5	4	25	69	7	5	69	9	6	69	11	7		
26	71	10	4	72	0	6	72	2	8	26	72	4	10	72	7	0	72	9	2		
27	74	7	6	74	9	9	75	0	0	27	75	2	3	75	4	6	75	6	9		
28	77	4	8	77	7	0	77	9	4	28	77	11	8	78	2	0	78	4	4		
29	80	1	10	80	4	3	80	6	8	29	80	9	1	80	11	6	81	1	11		
30	82	11	0	83	1	6	83	4	0	30	83	6	6	83	9	0	83	11	6		
31	85	8	2	85	10	9	86	1	4	31	86	3	11	86	6	6	86	9	1		
32	88	5	4	88	8	0	88	10	8	32	89	1	4	89	4	0	89	6	8		
33	91	2	6	91	5	3	91	8	0	33	91	10	9	92	1	6	92	4	3		
34	93	11	8	94	2	6	94	5	4	34	94	8	2	94	11	0	95	1	10		
35	96	8	10	96	11	9	97	2	8	35	97	5	7	97	8	6	97	11	5		
50	138	2	4	138	6	6	133	10	8	50	139	2	10	139	7	0	139	11	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	9	2	0	2	9	3	0	2	9	4	1	0	2	9	6	0	2	9	7
2	0	5	6	4	0	5	6	6	0	5	6	8	2	0	5	7	0	0	5	7	2
3	0	8	3	6	0	8	3	9	0	8	4	0	3	0	8	4	6	0	8	4	9
4	0	11	0	8	0	11	1	0	0	11	1	4	4	0	11	2	0	0	11	2	4
5	1	1	9	10	1	1	10	8	3	1	1	11	1	1	1	11	6	1	1	11	11
6	1	4	7	0	1	4	7	6	1	4	8	0	6	1	4	8	6	1	4	9	6
7	1	7	4	2	1	7	4	9	1	7	5	4	7	1	7	6	6	1	7	7	1
8	1	10	1	4	1	10	2	0	1	10	2	8	8	1	10	3	4	1	10	4	8
9	2	0	10	6	2	0	11	3	2	1	0	0	9	2	1	0	9	2	1	2	3
10	2	3	7	8	2	3	8	6	2	3	9	4	10	2	3	11	0	2	3	11	10
11	2	6	4	10	2	6	5	9	2	6	6	8	11	2	6	8	6	2	6	9	5



Length.	Area 404			Area 405			Area 406			Length.	Area 407			Area 408			Area 409					
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.			
1	2	9	8	2	9	9	2	9	10	1	2	9	11	2	10	0	2	10	1			
2	5	7	4	5	7	6	5	7	8	2	5	7	10	5	8	0	5	8	2			
3	8	5	0	8	5	3	8	5	6	3	8	5	9	8	6	0	8	6	3			
4	11	2	8	11	3	0	11	3	4	4	11	3	8	11	4	0	11	4	4			
5	14	0	4	14	0	9	14	1	2	5	14	1	7	14	2	0	14	2	5			
6	16	10	0	16	10	6	16	11	0	6	16	11	6	17	0	0	17	0	6			
7	19	7	8	19	8	3	19	8	10	7	19	9	5	19	10	0	19	10	7			
8	22	5	4	22	6	0	22	6	8	8	22	7	4	22	8	0	22	8	8			
9	25	3	0	25	3	9	25	4	6	9	25	5	3	25	6	0	25	6	9			
10	28	0	8	28	1	6	28	2	4	10	28	3	2	28	4	0	28	4	10			
11	30	10	4	30	11	3	31	0	2	11	31	1	1	31	2	0	31	2	11			
12	33	8	0	33	9	0	33	10	0	12	33	11	0	34	0	0	34	1	0			
13	36	5	8	36	6	9	36	7	10	13	36	8	11	36	10	0	36	11	1			
14	39	3	4	39	4	6	39	5	8	14	39	6	10	39	8	0	39	9	2			
15	42	1	0	42	2	3	42	3	6	15	42	4	9	42	6	0	42	7	3			
16	44	10	8	45	0	0	45	1	4	16	45	2	8	45	4	0	45	5	4			
17	47	8	4	47	9	9	47	11	2	17	48	0	7	48	2	0	48	3	5			
18	50	6	0	50	7	6	50	9	0	18	50	10	6	51	0	0	51	1	6			
19	53	3	8	53	5	3	53	6	10	19	53	8	5	53	10	0	53	11	7			
20	56	1	4	56	3	0	56	4	8	20	56	6	4	56	8	0	56	9	8			
21	58	11	0	59	0	9	59	2	6	21	59	4	3	59	6	0	59	7	9			
22	61	8	8	61	10	6	62	0	4	22	62	2	2	62	4	0	62	5	10			
23	64	6	4	64	8	3	64	10	2	23	65	0	1	65	2	0	65	3	11			
24	67	4	0	67	6	0	67	8	0	24	67	10	0	68	0	0	68	2	0			
25	70	1	8	70	3	9	70	5	10	25	70	7	11	70	10	0	71	0	1			
26	72	11	4	73	1	6	73	3	8	26	73	5	10	73	8	0	73	10	2			
27	75	9	0	75	11	3	76	1	6	27	76	3	9	76	6	0	76	8	3			
28	78	6	8	78	9	0	78	11	4	28	79	1	8	79	4	0	79	6	4			
29	81	4	4	81	6	9	81	9	2	29	81	11	7	82	2	0	82	4	5			
30	84	2	0	84	4	6	84	7	0	30	84	9	6	85	0	0	85	2	6			
31	86	11	8	87	2	3	87	4	10	31	87	7	5	87	10	0	88	0	7			
32	89	9	4	90	0	0	90	2	8	32	90	5	4	90	8	0	90	10	8			
33	92	7	0	92	9	9	93	0	6	33	93	3	3	93	6	0	93	8	9			
34	95	4	8	95	7	6	95	10	4	34	96	1	2	96	4	0	96	6	10			
35	98	2	4	98	5	3	98	8	2	35	98	11	1	99	2	0	99	4	11			
50	140	3	4	140	7	6	140	11	8	50	141	3	10	141	8	0	142	0	2			
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.		
1	0	2	9	8	0	2	9	9	0	2	9	10	1	0	2	10	0	2	10	1		
2	0	5	7	4	0	5	7	6	0	5	7	8	2	0	5	8	0	0	5	8	2	
3	0	8	5	0	0	8	5	3	0	8	5	6	3	0	8	6	0	0	8	6	3	
4	0	11	2	8	0	11	3	0	0	11	3	4	4	0	11	4	0	0	11	4	4	
5	1	2	0	4	1	2	0	9	1	2	1	2	5	1	2	2	0	1	2	2	5	
6	1	4	10	0	1	4	10	6	1	4	11	0	6	1	4	11	5	0	1	5	0	6
7	1	7	7	8	1	7	8	3	1	7	8	10	7	1	7	9	5	1	7	10	7	7
8	1	10	5	4	1	10	6	0	1	10	6	8	8	1	10	7	4	1	10	8	8	8
9	2	1	3	0	2	1	3	9	2	1	4	6	9	2	1	5	3	2	1	6	9	9
10	2	4	0	8	2	4	1	6	2	4	2	4	10	2	4	3	2	2	4	4	0	10
11	2	6	10	4	2	6	11	3	2	7	0	2	11	2	7	2	0	2	7	2	11	11



Length.	Area 410			Area 411			Area 412			Length.	Area 413			Area 414			Area 415				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	10	2	2	10	3	2	10	4	1	2	10	5	2	10	6	2	10	7		
2	5	8	4	5	8	6	5	8	8	2	5	8	10	5	9	0	5	9	2		
3	8	6	6	8	6	9	8	7	0	3	8	7	3	8	7	6	8	7	9		
4	11	4	8	11	5	0	11	5	4	4	11	5	8	11	6	0	11	6	4		
5	14	2	10	14	3	3	14	3	8	5	14	4	1	14	4	6	14	4	11		
6	17	1	0	17	1	6	17	2	0	6	17	2	6	17	3	0	17	3	6		
7	19	11	2	19	11	9	20	0	4	7	20	0	11	20	1	6	20	2	1		
8	22	9	4	22	10	0	22	10	8	8	22	11	4	23	0	0	23	0	8		
9	25	7	6	25	8	3	25	9	0	9	25	9	9	25	10	6	25	11	3		
10	28	5	8	28	6	6	28	7	4	10	28	8	2	28	9	0	28	9	10		
11	31	3	10	31	4	9	31	5	8	11	31	6	7	31	7	6	31	8	5		
12	34	2	0	34	3	0	34	4	0	12	34	5	0	34	6	0	34	7	0		
13	37	0	2	37	1	3	37	2	4	13	37	3	5	37	4	6	37	5	7		
14	39	10	4	39	11	6	40	0	8	14	40	1	10	40	3	0	40	4	2		
15	42	8	6	42	9	9	42	11	0	15	43	0	3	43	1	6	43	2	9		
16	45	6	8	45	8	0	45	9	4	16	45	10	8	46	0	0	46	1	4		
17	48	4	10	48	6	3	48	7	8	17	48	9	1	48	10	6	48	11	11		
18	51	3	0	51	4	6	51	6	0	18	51	7	6	51	9	0	51	10	6		
19	54	1	2	54	2	9	54	4	4	19	54	5	11	54	7	6	54	9	1		
20	56	11	4	57	1	0	57	2	8	20	57	4	4	57	6	0	57	7	8		
21	59	9	6	59	11	3	60	1	0	21	60	2	9	60	4	6	60	6	3		
22	62	7	8	62	9	6	62	11	4	22	63	1	2	63	3	0	63	4	10		
23	65	5	10	65	7	9	65	9	8	23	65	11	7	66	1	6	66	3	5		
24	68	4	0	68	6	0	68	8	0	24	68	10	0	69	0	0	69	2	0		
25	71	2	2	71	4	3	71	6	4	25	71	8	5	71	10	6	72	0	7		
26	74	0	4	74	2	6	74	4	8	26	74	6	10	74	9	0	74	11	2		
27	76	10	6	77	0	9	77	3	0	27	77	5	3	77	7	6	77	9	9		
28	79	8	8	79	11	0	80	1	4	28	80	3	8	80	6	0	80	8	4		
29	82	6	10	82	9	3	82	11	8	29	83	2	1	83	4	6	83	6	11		
30	85	5	0	85	7	6	85	10	0	30	86	0	6	86	3	0	86	5	6		
31	88	3	2	88	5	9	88	8	4	31	88	10	11	89	1	6	89	4	1		
32	91	1	4	91	4	0	91	6	8	32	91	9	4	92	0	0	92	2	8		
33	93	11	6	94	2	3	94	5	0	33	94	7	9	94	10	6	95	1	3		
34	96	9	8	97	0	6	97	3	4	34	97	6	2	97	9	0	97	11	10		
35	99	7	10	99	10	9	100	1	8	35	100	4	7	100	7	6	100	10	5		
50	142	4	4	142	8	6	143	0	8	50	143	4	10	143	9	0	144	1	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	2	10	2	0	2	10	3	0	2	10	4	1	0	2	10	5	0	2	10	7
2	0	5	8	4	0	5	8	6	0	5	8	8	2	0	5	9	0	0	5	9	2
3	0	8	6	6	0	8	6	9	0	8	7	0	3	0	8	7	6	0	8	7	9
4	0	11	4	8	0	11	5	0	0	11	5	4	4	0	11	5	8	0	11	6	4
5	1	2	2	10	1	2	3	3	1	2	3	8	5	1	2	4	1	1	2	4	11
6	1	5	1	0	1	5	1	6	1	5	2	0	6	1	5	3	0	1	5	3	6
7	1	7	11	2	1	7	11	9	1	8	0	4	7	1	8	1	6	1	8	2	1
8	1	10	9	4	1	10	10	0	1	10	10	8	8	1	10	11	4	1	11	0	8
9	2	1	7	6	2	1	8	3	2	1	9	0	9	2	1	9	9	2	1	10	6
10	2	4	5	8	2	4	6	6	2	4	7	4	10	2	4	9	0	2	4	9	10
11	2	7	3	10	2	7	4	9	2	7	5	8	11	2	7	7	6	2	7	8	5

Length.	Area 416			Area 417			Area 418			Length.	Area 419			Area 420			Area 421				
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		
1	2	10	8	2	10	9	2	10	10	1	2	10	11	2	11	0	2	11	1		
2	5	9	4	5	9	6	5	9	8	2	5	9	10	5	10	0	5	10	2		
3	8	8	0	8	8	3	8	8	6	3	8	8	9	8	9	0	8	9	3		
4	11	6	8	11	7	0	11	7	4	4	11	7	8	11	8	0	11	8	4		
5	14	5	4	14	5	9	14	6	2	5	14	6	7	14	7	0	14	7	5		
6	17	4	0	17	4	6	17	5	0	6	17	5	6	17	6	0	17	6	6		
7	20	2	8	20	3	5	20	3	10	7	20	4	5	20	5	0	20	5	7		
8	23	1	4	23	2	0	23	2	8	8	23	3	4	23	4	0	23	4	8		
9	26	0	0	26	0	9	26	1	6	9	26	2	3	26	3	0	26	3	9		
10	28	10	8	28	11	6	29	0	4	10	29	1	2	29	2	0	29	2	10		
11	31	9	4	31	10	3	31	11	2	11	32	0	1	32	1	0	32	1	11		
12	34	8	0	34	9	0	34	10	0	12	34	11	0	35	0	0	35	1	0		
13	37	6	8	37	7	9	37	8	10	13	37	9	11	37	11	0	38	0	1		
14	40	5	4	40	6	6	40	7	8	14	40	8	10	40	10	0	40	11	2		
15	43	4	0	43	5	3	43	6	6	15	43	7	9	43	9	0	43	10	3		
16	46	2	8	46	4	0	46	5	4	16	46	6	8	46	8	0	46	9	4		
17	49	1	4	49	2	9	49	4	2	17	49	5	7	49	7	0	49	8	5		
18	52	0	0	52	1	6	52	3	0	18	52	4	6	52	6	0	52	7	6		
19	54	10	8	55	0	3	55	1	10	19	55	3	5	55	5	0	55	6	7		
20	57	9	4	57	11	0	58	0	8	20	58	2	4	58	4	0	58	5	8		
21	60	8	0	60	9	9	60	11	6	21	61	1	3	61	3	0	61	4	9		
22	63	6	8	63	8	6	63	10	4	22	64	0	2	64	2	0	64	3	10		
23	66	5	4	66	7	3	66	9	2	23	66	11	1	67	1	0	67	2	11		
24	69	4	0	69	6	0	69	8	0	24	69	10	0	70	0	0	70	2	0		
25	72	2	8	72	4	9	72	6	10	25	72	8	11	72	11	0	73	1	1		
26	75	1	4	75	3	6	75	5	8	26	75	7	10	75	10	0	76	0	2		
27	78	0	0	78	2	3	78	4	6	27	78	6	9	78	9	0	78	11	3		
28	80	10	8	81	1	0	81	3	4	28	81	5	8	81	8	0	81	10	4		
29	83	9	4	83	11	9	84	2	2	29	84	4	7	84	7	0	84	9	5		
30	86	8	0	86	10	6	87	1	0	30	87	3	6	87	6	0	87	8	6		
31	89	6	8	89	9	3	89	11	10	31	90	2	5	90	5	0	90	7	7		
32	92	5	4	92	8	0	92	10	8	32	93	1	4	93	4	0	93	6	8		
33	95	4	0	95	6	9	95	9	6	33	96	0	3	96	3	0	96	5	9		
34	98	2	8	98	5	6	98	8	4	34	98	11	2	99	2	0	99	4	10		
35	101	1	4	101	4	3	101	7	2	35	101	10	1	102	1	0	102	3	11		
50	144	5	4	144	9	6	145	1	8	50	145	5	10	145	10	0	146	2	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	10	8	0	2	10	9	0	2	10	10	1	0	2	10	11	0	2	11	1
2	0	5	9	4	0	5	9	6	0	5	9	8	2	0	5	9	10	0	5	10	2
3	0	8	8	0	0	8	8	3	0	8	8	6	3	0	8	8	9	0	8	9	3
4	0	11	6	8	0	11	7	0	0	11	7	4	4	0	11	7	8	0	11	8	4
5	1	2	5	4	1	2	5	9	1	2	6	2	5	1	2	6	7	1	2	7	5
6	1	5	4	0	1	5	4	6	1	5	5	0	6	1	5	5	6	1	5	6	6
7	1	8	2	8	1	8	3	3	1	8	3	10	7	1	8	4	5	1	8	5	7
8	1	11	1	4	1	11	2	0	1	11	2	8	8	1	11	3	4	1	11	4	8
9	2	2	0	0	2	2	0	9	2	2	1	6	9	2	2	2	3	2	2	3	9
10	2	4	10	8	2	4	11	6	2	5	0	4	10	2	5	1	2	2	5	2	10
11	2	7	9	4	2	7	10	3	2	7	11	2	11	2	8	0	1	2	8	1	11

Length.	Area 422			Area 423			Area 424			Length.	Area 425			Area 426			Area 427				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	11	2	2	11	3	2	11	4	1	2	11	5	2	11	6	2	11	7		
2	5	10	4	5	10	6	5	10	8	2	5	10	10	5	11	0	5	11	2		
3	8	9	6	8	9	9	8	10	0	3	8	10	3	8	10	6	8	10	9		
4	11	8	8	11	9	0	11	9	4	4	11	9	8	11	10	0	11	10	4		
5	14	7	10	14	8	3	14	8	8	5	14	9	1	14	9	6	14	9	11		
6	17	7	0	17	7	6	17	8	0	6	17	8	6	17	9	0	17	9	6		
7	20	6	2	20	6	9	20	7	4	7	20	7	11	20	8	6	20	9	1		
8	23	5	4	23	6	0	23	6	8	8	23	7	4	23	8	0	23	8	8		
9	26	4	6	26	5	3	26	6	0	9	26	6	9	26	7	6	26	8	3		
10	29	3	8	29	4	6	29	5	4	10	29	6	2	29	7	0	29	7	10		
11	32	2	10	32	3	9	32	4	8	11	32	5	7	32	6	6	32	7	5		
12	35	2	0	35	3	0	35	4	0	12	35	5	0	35	6	0	35	7	0		
13	38	1	2	38	2	3	38	3	4	13	38	4	5	38	5	6	38	6	7		
14	41	0	4	41	1	6	41	2	8	14	41	3	10	41	5	0	41	6	2		
15	43	11	6	44	0	9	44	2	0	15	44	3	3	44	4	6	44	5	9		
16	46	10	8	47	0	0	47	1	4	16	47	2	8	47	4	0	47	5	4		
17	49	9	10	49	11	3	50	0	8	17	50	2	1	50	3	6	50	4	11		
18	52	9	0	52	10	6	53	0	0	18	53	1	6	53	3	0	53	4	6		
19	55	8	2	55	9	9	55	11	4	19	56	0	11	56	2	6	56	4	1		
20	58	7	4	58	9	0	58	10	8	20	59	0	4	59	2	0	59	3	8		
21	61	6	6	61	8	3	61	10	0	21	61	11	9	62	1	6	62	3	3		
22	64	5	8	64	7	6	64	9	4	22	64	11	2	65	1	0	65	2	10		
23	67	4	10	67	6	9	67	8	8	23	67	10	7	68	0	6	68	2	5		
24	70	4	0	70	6	0	70	8	0	24	70	10	0	71	0	0	71	2	0		
25	73	3	2	73	5	3	73	7	4	25	73	9	5	73	11	6	74	1	7		
26	76	2	4	76	4	6	76	6	8	26	76	8	10	76	11	0	77	1	2		
27	79	1	6	79	3	9	79	6	0	27	79	8	3	79	10	6	80	0	9		
28	82	0	8	82	3	0	82	5	4	28	82	7	8	82	10	0	83	0	4		
29	84	11	10	85	2	3	85	4	8	29	85	7	1	85	9	6	85	11	11		
30	87	11	0	88	1	6	88	4	0	30	88	6	6	88	9	0	88	11	6		
31	90	10	2	91	0	9	91	3	4	31	91	5	11	91	8	6	91	11	1		
32	93	9	4	94	0	0	94	2	8	32	94	5	4	94	8	0	94	10	8		
33	96	8	6	96	11	3	97	2	0	33	97	4	9	97	7	6	97	10	3		
34	99	7	8	99	10	6	100	1	4	34	100	4	2	100	7	0	100	9	10		
35	102	6	10	102	9	9	103	0	8	35	103	3	7	103	6	6	103	9	5		
50	146	6	4	146	10	6	147	2	8	50	147	6	10	147	11	0	148	3	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	11	2	0	2	11	3	0	2	11	4	1	0	2	11	5	0	2	11	7
2	0	5	10	4	0	5	10	6	0	5	10	8	2	0	5	11	0	0	5	11	2
3	0	8	9	6	0	8	9	9	0	8	10	0	3	0	8	10	3	0	8	10	9
4	0	11	8	8	0	11	9	0	0	11	9	4	4	0	11	10	0	0	11	10	4
5	1	2	7	10	1	2	8	3	1	2	8	8	5	1	2	9	1	1	2	9	11
6	1	5	7	0	1	5	7	6	1	5	8	0	6	1	5	8	6	1	5	9	6
7	1	8	6	2	1	8	6	9	1	8	7	4	7	1	8	7	11	1	8	8	6
8	1	11	5	4	1	11	6	0	1	11	6	8	8	1	11	7	4	1	11	8	0
9	2	2	4	6	2	2	5	3	2	2	6	0	9	2	2	6	9	2	2	7	6
10	2	5	3	8	2	5	4	6	2	5	5	4	10	2	5	6	2	2	5	7	0
11	2	8	2	10	2	8	3	9	2	8	4	8	11	2	8	5	7	2	8	6	6



Length.	Area 428			Area 429			Area 430			Length.	Area 431			Area 432			Area 433				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	2	11	8	2	11	9	2	11	10	1	2	11	11	3	0	0	3	0	1		
2	5	11	4	5	11	6	5	11	8	2	5	11	10	6	0	0	6	0	2		
3	8	11	0	8	11	3	8	11	6	3	8	11	9	9	0	0	9	0	3		
4	11	10	8	11	11	0	11	11	4	4	11	11	8	12	0	0	12	0	4		
5	14	10	4	14	10	9	14	11	2	5	14	11	7	15	0	0	15	0	5		
6	17	10	0	17	10	6	17	11	0	6	17	11	6	18	0	0	18	0	6		
7	20	9	8	20	10	3	20	10	10	7	20	11	5	21	0	0	21	0	7		
8	23	9	4	23	10	0	23	10	8	8	23	11	4	24	0	0	24	0	8		
9	26	9	0	26	9	9	26	10	6	9	26	11	3	27	0	0	27	0	9		
10	29	8	8	29	9	6	29	10	4	10	29	11	2	30	0	0	30	0	10		
11	32	8	4	32	9	3	32	10	2	11	32	11	1	33	0	0	33	0	11		
12	35	8	0	35	9	0	35	10	0	12	35	11	0	36	0	0	36	1	0		
13	38	7	8	38	8	9	38	9	10	13	38	10	11	39	0	0	39	1	1		
14	41	7	4	41	8	6	41	9	8	14	41	10	10	42	0	0	42	1	2		
15	44	7	0	44	8	3	44	9	6	15	44	10	9	45	0	0	45	1	3		
16	47	6	8	47	8	0	47	9	4	16	47	10	8	48	0	0	48	1	4		
17	50	6	4	50	7	9	50	9	2	17	50	10	7	51	0	0	51	1	5		
18	53	6	0	53	7	6	53	9	0	18	53	10	6	54	0	0	54	1	6		
19	56	5	8	56	7	3	56	8	10	19	56	10	5	57	0	0	57	1	7		
20	59	5	4	59	7	0	59	8	8	20	59	10	4	60	0	0	60	1	8		
21	62	5	0	62	6	9	62	8	6	21	62	10	3	63	0	0	63	1	9		
22	65	4	8	65	6	6	65	8	4	22	65	10	2	66	0	0	66	1	10		
23	68	4	4	68	6	3	68	8	2	23	68	10	1	69	0	0	69	1	11		
24	71	4	0	71	6	0	71	8	0	24	71	10	0	72	0	0	72	2	0		
25	74	3	8	74	5	9	74	7	10	25	74	9	11	75	0	0	75	2	1		
26	77	3	4	77	5	6	77	7	8	26	77	9	10	78	0	0	78	2	2		
27	80	3	0	80	5	3	80	7	6	27	80	9	9	81	0	0	81	2	3		
28	83	2	8	83	5	0	83	7	4	28	83	9	8	84	0	0	84	2	4		
29	86	2	4	86	4	9	86	7	2	29	86	9	7	87	0	0	87	2	5		
30	89	2	0	89	4	6	89	7	0	30	89	9	6	90	0	0	90	2	6		
31	92	1	8	92	4	3	92	6	10	31	92	9	5	93	0	0	93	2	7		
32	95	1	4	95	4	0	95	6	8	32	95	9	4	96	0	0	96	2	8		
33	98	1	0	98	3	9	98	6	6	33	98	9	3	99	0	0	99	2	9		
34	101	0	8	101	3	6	101	6	4	34	101	9	2	102	0	0	102	2	10		
35	104	0	4	104	3	3	104	6	2	35	104	9	1	105	0	0	105	2	11		
50	148	7	4	148	11	6	149	3	8	50	149	7	10	150	0	0	150	4	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	2	11	8	0	2	11	9	0	2	11	10	1	0	2	11	11	0	3	0	1
2	0	5	11	4	0	5	11	6	0	5	11	8	2	0	5	11	10	0	6	0	2
3	0	8	11	0	0	8	11	3	0	8	11	6	3	0	8	11	9	0	9	0	3
4	0	11	10	8	0	11	11	0	0	11	11	4	4	0	11	11	8	1	0	0	4
5	1	2	10	4	1	2	10	9	1	2	11	2	5	1	2	11	7	1	3	0	5
6	1	5	10	0	1	5	10	6	1	5	11	0	6	1	5	11	6	1	6	0	6
7	1	8	9	8	1	8	10	3	1	8	10	10	7	1	8	11	5	1	9	0	7
8	1	11	9	4	1	11	10	0	1	11	10	8	8	1	11	11	4	2	0	0	8
9	2	2	9	0	2	2	9	2	2	2	10	6	9	2	2	11	3	2	3	0	9
10	2	5	8	8	2	5	9	6	2	5	10	4	10	2	5	11	2	2	6	0	10
11	2	8	8	4	2	8	9	3	2	8	10	2	11	2	8	11	1	2	9	0	11



Length. Feet.	Area 434 F. I. P.	Area 435 F. I. P.	Area 436 F. I. P.	Length. Feet.	Area 437 F. I. P.	Area 438 F. I. P.	Area 439 F. I. P.
1	3 0 2	3 0 3	3 0 4	1	3 0 5	3 0 6	3 0 7
2	6 0 4	6 0 6	6 0 8	2	6 0 10	6 1 0	6 1 2
3	9 0 6	9 0 9	9 1 0	3	9 1 3	9 1 6	9 1 9
4	12 0 8	12 1 0	12 1 4	4	12 1 8	12 2 0	12 2 4
5	15 0 10	15 1 3	15 1 8	5	15 2 1	15 2 6	15 2 11
6	18 1 0	18 1 6	18 2 0	6	18 2 6	18 3 0	18 3 6
7	21 1 2	21 1 9	21 2 4	7	21 2 11	21 3 6	21 4 1
8	24 1 4	24 2 0	24 2 8	8	24 3 4	24 4 0	24 4 8
9	27 1 6	27 2 3	27 3 0	9	27 3 9	27 4 6	27 5 3
10	30 1 8	30 2 6	30 3 4	10	30 4 2	30 5 0	30 5 10
11	33 1 10	33 2 9	33 3 8	11	33 4 7	33 5 6	33 6 5
12	36 2 0	36 3 0	36 4 0	12	36 5 0	36 6 0	36 7 0
13	39 2 2	39 3 3	39 4 4	13	39 5 5	39 6 6	39 7 7
14	42 2 4	42 3 6	42 4 8	14	42 5 10	42 7 0	42 8 2
15	45 2 6	45 3 9	45 5 0	15	45 6 3	45 7 6	45 8 9
16	48 2 8	48 4 0	48 5 4	16	48 6 8	48 8 0	48 9 4
17	51 2 10	51 4 3	51 5 8	17	51 7 1	51 8 6	51 9 11
18	54 3 0	54 4 6	54 6 0	18	54 7 6	54 9 0	54 10 6
19	57 3 2	57 4 9	57 6 4	19	57 7 11	57 9 6	57 11 1
20	60 3 4	60 5 0	60 6 8	20	60 8 4	60 10 0	60 11 8
21	63 3 6	63 5 3	63 7 0	21	63 8 9	63 10 6	64 0 3
22	66 3 8	66 5 6	66 7 4	22	66 9 2	66 11 0	67 0 10
23	69 3 10	69 5 9	69 7 8	23	69 9 7	69 11 6	70 1 5
24	72 4 0	72 6 0	72 8 0	24	72 10 0	73 0 0	73 2 0
25	75 4 2	75 6 3	75 8 4	25	75 10 5	76 0 6	76 2 7
26	78 4 4	78 6 6	78 8 8	26	78 10 10	79 1 0	79 3 2
27	81 4 6	81 6 9	81 9 0	27	81 11 3	82 1 6	82 3 9
28	84 4 8	84 7 0	84 9 4	28	84 11 8	85 2 0	85 4 4
29	87 4 10	87 7 3	87 9 8	29	88 0 1	88 2 6	88 4 11
30	90 5 0	90 7 6	90 10 0	30	91 0 6	91 3 0	91 5 6
31	93 5 2	93 7 9	93 10 4	31	94 0 11	94 3 6	94 6 1
32	96 5 4	96 8 0	96 10 8	32	97 1 4	97 4 0	97 6 8
33	99 5 6	99 8 3	99 11 0	33	100 1 9	100 4 6	100 7 3
34	102 5 8	102 8 6	102 11 4	34	103 2 2	103 5 0	103 7 10
35	105 5 10	105 8 9	105 11 8	35	106 2 7	106 5 6	106 8 5
50	150 8 4	151 0 6	151 4 8	50	151 8 10	152 1 0	152 5 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 0 2	0 3 0 3	0 3 0 4	1	0 3 0 5	0 3 0 6	0 3 0 7
2	0 6 0 4	0 6 0 6	0 6 0 8	2	0 6 0 10	0 6 1 0	0 6 1 2
3	0 9 0 6	0 9 0 9	0 9 1 0	3	0 9 1 3	0 9 1 6	0 9 1 9
4	1 0 0 8	1 0 1 0	1 0 1 4	4	1 0 1 8	1 0 2 0	1 0 2 4
5	1 3 0 10	1 3 1 3	1 3 1 8	5	1 3 2 1	1 3 2 6	1 3 2 11
6	1 6 1 0	1 6 1 6	1 6 2 0	6	1 6 2 6	1 6 3 0	1 6 3 6
7	1 9 1 2	1 9 1 9	1 9 2 4	7	1 9 2 11	1 9 3 6	1 9 4 1
8	2 0 2 4	2 0 2 0	2 0 2 8	8	2 0 3 4	2 0 4 0	2 0 4 8
9	2 3 1 6	2 3 2 3	2 3 3 0	9	2 3 3 9	2 3 4 6	2 3 5 3
10	2 6 1 8	2 6 2 6	2 6 3 4	10	2 6 4 2	2 6 5 0	2 6 5 10
11	2 9 1 10	2 9 2 9	2 9 3 8	11	2 9 4 7	2 9 5 6	2 9 6 5

Length.	Area 440	Area 441	Area 442	Length.	Area 443	Area 444	Area 445
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 0 8	3 0 9	3 0 10	1	3 0 11	3 1 0	3 1 1
2	6 1 4	6 1 6	6 1 8	2	6 1 10	6 2 0	6 2 2
3	9 2 0	9 2 3	9 2 6	3	9 2 9	9 3 0	9 3 3
4	12 2 8	12 3 0	12 3 4	4	12 3 8	12 4 0	12 4 4
5	15 3 4	15 3 9	15 4 2	5	15 4 7	15 5 0	15 5 5
6	18 4 0	18 4 6	18 5 0	6	18 5 6	18 6 0	18 6 6
7	21 4 8	21 5 3	21 5 10	7	21 6 5	21 7 0	21 7 7
8	24 5 4	24 6 0	24 6 8	8	24 7 4	24 8 0	24 8 8
9	27 6 0	27 6 9	27 7 6	9	27 8 3	27 9 0	27 9 9
10	30 6 8	30 7 6	30 8 4	10	30 9 2	30 10 0	30 10 10
11	33 7 4	33 8 3	33 9 2	11	33 10 1	33 11 0	33 11 11
12	36 8 0	36 9 0	36 10 0	12	36 11 0	37 0 0	37 1 0
13	39 8 8	39 9 9	39 10 10	13	39 11 11	40 1 0	40 2 1
14	42 9 4	42 10 6	42 11 8	14	43 0 10	43 2 0	43 3 2
15	45 10 0	45 11 3	46 0 6	15	46 1 9	46 3 0	46 4 3
16	48 10 8	49 0 0	49 1 4	16	49 2 8	49 4 0	49 5 4
17	51 11 4	52 0 9	52 2 2	17	52 3 7	52 5 0	52 6 5
18	55 0 0	55 1 6	55 3 0	18	55 4 6	55 6 0	55 7 6
19	58 0 8	58 2 3	58 3 10	19	58 5 5	58 7 0	58 8 7
20	61 1 4	61 3 0	61 4 8	20	61 6 4	61 8 0	61 9 8
21	64 2 0	64 3 9	64 5 6	21	64 7 3	64 9 0	64 10 9
22	67 2 8	67 4 6	67 6 4	22	67 8 2	67 10 0	67 11 10
23	70 3 4	70 5 3	70 7 2	23	70 9 1	70 11 0	71 0 11
24	73 4 0	73 6 0	73 8 0	24	73 10 0	74 0 0	74 2 0
25	76 4 8	76 6 9	76 8 10	25	76 10 11	77 1 0	77 3 1
26	79 5 4	79 7 6	79 9 8	26	79 11 10	80 2 0	80 4 2
27	82 6 0	82 8 3	82 10 6	27	83 0 9	83 3 0	83 5 3
28	85 6 8	85 9 0	85 11 4	28	86 1 8	86 4 0	86 6 4
29	88 7 4	88 9 9	89 0 2	29	89 2 7	89 5 0	89 7 5
30	91 8 0	91 10 6	92 1 0	30	92 3 6	92 6 0	92 8 6
31	94 8 8	94 11 3	95 1 10	31	95 4 5	95 7 0	95 9 7
32	97 9 4	98 0 0	98 2 8	32	98 5 4	98 8 0	98 10 8
33	100 10 0	101 0 9	101 3 6	33	101 6 3	101 9 0	101 11 9
34	103 10 8	104 1 6	104 4 4	34	104 7 2	104 10 0	105 0 10
35	106 11 4	107 2 3	107 5 2	35	107 8 1	107 11 0	108 1 11
50	152 9 4	153 1 6	153 5 8	50	153 9 10	154 2 0	154 6 2
In.	F. I. P. s.	F. I. P. s.	F. I. P. s.	In.	F. I. P. s.	F. I. P. s.	F. I. P. s.
1	0 3 0 8	0 3 0 9	0 3 0 10	1	0 3 0 11	0 3 1 0	0 3 1 1
2	0 6 1 4	0 6 1 6	0 6 1 8	2	0 6 1 10	0 6 2 0	0 6 2 2
3	0 9 2 0	0 9 2 3	0 9 2 6	3	0 9 2 9	0 9 3 0	0 9 3 3
4	1 0 2 8	1 0 3 0	1 0 3 4	4	1 0 3 8	1 0 4 0	1 0 4 4
5	1 3 3 4	1 3 3 9	1 3 4 2	5	1 3 4 7	1 3 5 0	1 3 5 5
6	1 6 4 0	1 6 4 6	1 6 5 0	6	1 6 5 6	1 6 6 0	1 6 6 6
7	1 9 4 8	1 9 5 3	1 9 5 10	7	1 9 6 5	1 9 7 0	1 9 7 7
8	2 0 5 4	2 0 6 0	2 0 6 8	8	2 0 7 4	2 0 8 0	2 0 8 8
9	2 3 6 0	2 3 6 9	2 3 7 6	9	2 3 8 3	2 3 9 0	2 3 9 9
10	2 6 6 8	2 6 7 6	2 6 8 4	10	2 6 9 2	2 6 10 0	2 6 10 10
11	2 9 7 4	2 9 8 3	2 9 9 2	11	2 9 10 1	2 9 11 0	2 9 11 11

Length.	Area 446			Area 447			Area 448			Length.	Area 449			Area 450			Area 451				
Feet.	F. I. P.			F. I. P.			F. I. P.			Feet.	F. I. P.			F. I. P.			F. I. P.				
1	3	1	2	3	1	3	3	1	4	1	3	1	5	3	1	6	3	1	7		
2	6	2	4	6	2	6	6	2	8	2	6	2	10	6	3	0	6	3	2		
3	9	3	6	9	3	9	9	4	0	3	9	4	3	9	4	6	9	4	9		
4	12	4	8	12	5	0	12	5	4	4	12	5	8	12	6	0	12	6	4		
5	15	5	10	15	6	3	15	6	8	5	15	7	1	15	7	6	15	7	11		
6	18	7	0	18	7	6	18	8	0	6	18	8	6	18	9	0	18	9	6		
7	21	8	2	21	8	9	21	9	4	7	21	9	11	21	10	6	21	11	1		
8	24	9	4	24	10	0	24	10	8	8	24	11	4	25	0	0	25	0	8		
9	27	10	6	27	11	3	28	0	0	9	28	0	9	28	1	6	28	2	3		
10	30	11	8	31	0	6	31	1	4	10	31	2	2	31	3	0	31	3	10		
11	34	0	10	34	1	9	34	2	8	11	34	3	7	34	4	6	34	5	5		
12	37	2	0	37	3	0	37	4	0	12	37	5	0	37	6	0	37	7	0		
13	40	3	2	40	4	3	40	5	4	13	40	6	5	40	7	6	40	8	7		
14	43	4	4	43	5	6	43	6	8	14	43	7	10	43	9	0	43	10	2		
15	46	5	6	46	6	9	46	8	0	15	46	9	3	46	10	6	46	11	9		
16	49	6	8	49	8	0	49	9	4	16	49	10	8	50	0	0	50	1	4		
17	52	7	10	52	9	3	52	10	8	17	53	0	1	53	1	6	53	2	11		
18	55	9	0	55	10	6	56	0	0	18	56	1	6	56	3	0	56	4	6		
19	58	10	2	58	11	9	59	1	4	19	59	2	11	59	4	6	59	6	1		
20	61	11	4	62	1	0	62	2	8	20	62	4	4	62	6	0	62	7	8		
21	65	0	6	65	2	3	65	4	0	21	65	5	9	65	7	6	65	9	3		
22	68	1	8	68	3	6	68	5	4	22	68	7	2	68	9	0	68	10	10		
23	71	2	10	71	4	9	71	6	8	23	71	8	7	71	10	6	72	0	5		
24	74	4	0	74	6	0	74	8	0	24	74	10	0	75	0	0	75	2	0		
25	77	5	2	77	7	3	77	9	4	25	77	11	5	78	1	6	78	3	7		
26	80	6	4	80	8	6	80	10	8	26	81	0	10	81	3	0	81	5	2		
27	83	7	6	83	9	9	84	0	0	27	84	2	3	84	4	6	84	6	9		
28	86	8	8	86	11	0	87	1	4	28	87	3	8	87	6	0	87	8	4		
29	89	9	10	90	0	3	90	2	8	29	90	5	1	90	7	6	90	9	11		
30	92	11	0	93	1	6	93	4	0	30	93	6	6	93	9	0	93	11	6		
31	96	0	2	96	2	9	96	5	4	31	96	7	11	96	10	6	97	1	1		
32	99	1	4	99	4	0	99	6	8	32	99	9	4	100	0	0	100	2	8		
33	102	2	6	102	5	3	102	8	0	33	102	10	9	103	1	6	103	4	3		
34	105	3	8	105	6	6	105	9	4	34	106	0	2	106	3	0	106	5	10		
35	108	4	10	108	7	9	108	10	8	35	109	1	7	109	4	6	109	7	5		
50	154	10	4	155	2	6	155	6	8	50	155	10	10	156	3	0	156	7	2		
In.	F. I. P. S.			F. I. P. S.			F. I. P. S.			In.	F. I. P. S.			F. I. P. S.			F. I. P. S.				
1	0	3	1	2	0	3	1	3	0	3	1	4	1	0	3	1	6	0	3	1	7
2	0	6	2	4	0	6	2	6	0	6	2	8	2	0	6	2	10	0	6	2	11
3	0	9	3	6	0	9	3	9	0	9	3	10	3	0	9	3	12	0	9	3	13
4	1	0	4	8	1	0	5	0	1	0	5	11	4	1	0	5	13	1	0	6	14
5	1	3	5	10	1	3	6	3	1	3	6	12	8	1	3	7	14	1	3	7	15
6	1	6	7	0	1	6	7	6	1	6	8	0	15	1	6	8	15	1	6	9	16
7	1	9	8	2	1	9	8	9	1	9	9	4	16	1	9	10	16	1	9	11	17
8	2	0	9	4	2	0	10	0	2	0	10	8	17	2	0	11	17	2	0	11	18
9	2	3	10	6	2	3	11	3	2	4	0	0	18	2	4	0	18	2	4	0	19
10	2	6	11	8	2	7	0	6	2	7	1	4	19	2	7	2	19	2	7	3	20
11	2	10	0	10	2	10	1	9	2	10	2	8	20	2	10	3	20	2	10	5	21

Length.	Area 452	Area 453	Area 454	Length.	Area 455	Area 456	Area 457
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 1 8	3 1 9	3 1 10	1	3 1 11	3 2 0	3 2 1
2	6 3 4	6 3 6	6 3 8	2	6 3 10	6 4 0	6 4 2
3	9 5 0	9 5 3	9 5 6	3	9 5 9	9 6 0	9 6 3
4	12 6 8	12 7 0	12 7 4	4	12 7 8	12 8 0	12 8 4
5	15 8 4	15 8 9	15 9 2	5	15 9 7	15 10 0	15 10 5
6	18 10 0	18 10 6	18 11 0	6	18 11 6	19 0 0	19 0 6
7	21 11 8	22 0 3	22 0 10	7	22 1 5	22 2 0	22 2 7
8	25 1 4	25 2 0	25 2 8	8	25 3 4	25 4 0	25 4 8
9	28 3 0	28 3 9	28 4 6	9	28 5 3	28 6 0	28 6 9
10	31 4 8	31 5 6	31 6 4	10	31 7 2	31 8 0	31 8 10
11	34 6 4	34 7 3	34 8 2	11	34 9 1	34 10 0	34 10 11
12	37 8 0	37 9 0	37 10 0	12	37 11 0	38 0 0	38 1 0
13	40 9 8	40 10 9	40 11 10	13	41 0 11	41 2 0	41 3 1
14	43 11 4	44 0 6	44 1 8	14	44 2 10	44 4 0	44 5 2
15	47 1 0	47 2 3	47 3 6	15	47 4 9	47 6 0	47 7 3
16	50 2 8	50 4 0	50 5 4	16	50 6 8	50 8 0	50 9 4
17	53 4 4	53 5 9	53 7 2	17	53 8 7	53 10 0	53 11 5
18	56 6 0	56 7 6	56 9 0	18	56 10 6	57 0 0	57 1 6
19	59 7 8	59 9 3	59 10 10	19	60 0 5	60 2 0	60 3 7
20	62 9 4	62 11 0	63 0 8	20	63 2 4	63 4 0	63 5 8
21	65 11 0	66 0 9	66 2 6	21	66 4 3	66 6 0	66 7 9
22	69 0 8	69 2 6	69 4 4	22	69 6 2	69 8 0	69 9 10
23	72 2 4	72 4 3	72 6 2	23	72 8 1	72 10 0	72 11 11
24	75 4 0	75 6 0	75 8 0	24	75 10 0	76 0 0	76 2 0
25	78 5 8	78 7 9	78 9 10	25	78 11 11	79 2 0	79 4 1
26	81 7 4	81 9 6	81 11 8	26	82 1 10	82 4 0	82 6 2
27	84 9 0	84 11 3	85 1 6	27	85 3 9	85 6 0	85 8 3
28	87 10 8	88 1 0	88 3 4	28	88 5 8	88 8 0	88 10 4
29	91 0 4	91 2 9	91 5 2	29	91 7 7	91 10 0	92 0 5
30	94 2 0	94 4 6	94 7 0	30	94 9 6	95 0 0	95 2 6
31	97 3 8	97 6 3	97 8 10	31	97 11 5	98 2 0	98 4 7
32	100 5 4	100 8 0	100 10 8	32	101 1 4	101 4 0	101 6 8
33	103 7 0	103 9 9	104 0 6	33	104 3 3	104 6 0	104 8 9
34	106 8 8	106 11 6	107 2 4	34	107 5 2	107 8 0	107 10 10
35	109 10 4	110 1 3	110 4 2	35	110 7 1	110 10 0	111 0 11
50	156 11 4	157 3 6	157 7 8	50	157 11 10	158 4 0	158 8 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 1 8	0 3 1 9	0 3 1 10	1	0 3 1 11	0 3 2 0	0 3 2 1
2	0 6 3 4	0 6 3 6	0 6 3 8	2	0 6 3 10	0 6 4 0	0 6 4 2
3	0 9 5 0	0 9 5 3	0 9 5 6	3	0 9 5 9	0 9 6 0	0 9 6 3
4	1 0 6 8	1 0 7 0	1 0 7 4	4	1 0 7 8	1 0 8 0	1 0 8 4
5	1 3 8 4	1 3 8 9	1 3 9 2	5	1 3 9 7	1 3 10 0	1 3 10 5
6	1 6 10 0	1 6 10 6	1 6 11 0	6	1 6 11 6	1 7 0 0	1 7 0 6
7	1 9 11 8	1 10 0 3	1 10 0 10	7	1 10 1 5	1 10 2 0	1 10 2 7
8	2 1 1 4	2 1 2 0	2 1 2 8	8	2 1 3 4	2 1 4 0	2 1 4 8
9	2 4 3 0	2 4 3 9	2 4 4 6	9	2 4 5 3	2 4 6 0	2 4 6 9
10	2 7 4 8	2 7 5 6	2 7 6 4	10	2 7 7 2	2 7 8 0	2 7 8 10
11	2 10 6 4	2 10 7 3	2 10 8 2	11	2 10 9 1	2 10 10 0	2 10 10 11



Length.	Area 458			Area 459			Area 460			Length.	Area 461			Area 462			Area 463				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	2	2	3	2	3	3	2	4	1	3	2	5	3	2	6	3	2	7		
2	6	4	4	6	4	6	6	4	8	2	6	4	10	6	5	0	6	5	2		
3	9	6	6	9	6	9	9	7	0	3	9	7	3	9	7	6	9	7	9		
4	12	8	8	12	9	0	12	9	4	4	12	9	8	12	10	0	12	10	4		
5	15	10	10	15	11	3	15	11	8	5	16	0	1	16	0	6	16	0	11		
6	19	1	0	19	1	6	19	2	0	6	19	2	6	19	3	0	19	3	6		
7	22	3	2	22	3	9	22	4	4	7	22	4	11	22	5	6	22	6	1		
8	25	5	4	25	6	0	25	6	8	8	25	7	4	25	8	0	25	8	8		
9	28	7	6	28	8	3	28	9	0	9	28	9	9	28	10	6	28	11	3		
10	31	9	8	31	10	6	31	11	4	10	32	0	2	32	1	0	32	1	10		
11	34	11	10	35	0	9	35	1	8	11	35	2	7	35	3	6	35	4	5		
12	38	2	0	38	3	0	38	4	0	12	38	5	0	38	6	0	38	7	0		
13	41	4	2	41	5	3	41	6	4	13	41	7	5	41	8	6	41	9	7		
14	44	6	4	44	7	6	44	8	8	14	44	9	10	44	11	0	45	0	2		
15	47	8	6	47	9	9	47	11	0	15	48	0	3	48	1	6	48	2	9		
16	50	10	8	51	0	0	51	1	4	16	51	2	8	51	4	0	51	5	4		
17	54	0	10	54	2	3	54	3	8	17	54	5	1	54	6	6	54	7	11		
18	57	3	0	57	4	6	57	6	0	18	57	7	6	57	9	0	57	10	6		
19	60	5	2	60	6	9	60	8	4	19	60	9	11	60	11	6	61	1	1		
20	63	7	4	63	9	0	63	10	8	20	64	0	4	64	2	0	64	3	8		
21	66	9	6	66	11	3	67	1	0	21	67	2	9	67	4	6	67	6	3		
22	69	11	8	70	1	6	70	3	4	22	70	5	2	70	7	0	70	8	10		
23	73	1	10	73	3	9	73	5	8	23	73	7	7	73	9	6	73	11	5		
24	76	4	0	76	6	0	76	8	0	24	76	10	0	77	0	0	77	2	0		
25	79	6	2	79	8	3	79	10	4	25	80	0	5	80	2	6	80	4	7		
26	82	8	4	82	10	6	83	0	8	26	83	2	10	83	5	0	83	7	2		
27	85	10	6	86	0	9	86	3	0	27	86	5	3	86	7	6	86	9	9		
28	89	0	8	89	3	0	89	5	4	28	89	7	8	89	10	0	90	0	4		
29	92	2	10	92	5	3	92	7	8	29	92	10	1	93	0	6	93	2	11		
30	95	5	0	95	7	6	95	10	0	30	96	0	6	96	3	0	96	5	6		
31	98	7	2	98	9	9	99	0	4	31	99	2	11	99	5	6	99	8	1		
32	101	9	4	102	0	0	102	2	8	32	102	5	4	102	8	0	102	10	8		
33	104	11	6	105	2	3	105	5	0	33	105	7	9	105	10	6	106	1	3		
34	108	1	8	108	4	6	108	7	4	34	108	10	2	109	1	0	109	3	10		
35	111	3	10	111	6	9	111	9	8	35	112	0	7	112	3	6	112	6	5		
50	159	0	4	159	4	6	159	8	8	50	160	0	10	160	5	0	160	9	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	3	2	2	0	3	2	3	0	3	2	4	1	0	3	2	5	0	3	2	7
2	0	6	4	4	0	6	4	6	0	6	4	8	2	0	6	4	10	0	6	5	2
3	0	9	6	6	0	9	6	9	0	9	7	0	3	0	9	7	3	0	9	7	9
4	1	0	8	8	1	0	9	0	1	0	9	4	4	1	0	10	0	1	0	10	4
5	1	3	10	10	1	3	11	3	1	3	11	8	5	1	4	0	6	1	4	0	11
6	1	7	1	0	1	7	1	6	1	7	2	0	6	1	7	3	0	1	7	3	6
7	1	10	3	2	1	10	3	9	1	10	4	4	7	1	10	5	6	1	10	6	1
8	2	1	5	4	2	1	6	0	2	1	6	8	8	2	1	7	4	2	1	8	8
9	2	4	7	6	2	4	8	3	2	4	9	0	9	2	4	10	6	2	4	11	3
10	2	7	9	8	2	7	10	6	2	7	11	4	10	2	8	0	2	8	1	10	2
11	2	10	11	10	2	11	0	9	2	11	1	8	11	2	11	3	6	2	11	4	5

Length.	Area 464	Area 465	Area 466	Length.	Area 467	Area 468	Area 469
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 2 8	3 2 9	3 2 10	1	3 2 11	3 3 0	3 3 1
2	6 5 4	6 5 6	6 5 8	2	6 5 10	6 6 0	6 6 2
3	9 8 0	9 8 3	9 8 6	3	9 8 9	9 9 0	9 9 3
4	12 10 8	12 11 0	12 11 4	4	12 11 8	13 0 0	13 0 4
5	16 1 4	16 1 9	16 2 2	5	16 2 7	16 3 0	16 3 5
6	19 4 0	19 4 6	19 5 0	6	19 5 6	19 6 0	19 6 6
7	22 6 8	22 7 3	22 7 10	7	22 8 5	22 9 0	22 9 7
8	25 9 4	25 10 0	25 10 8	8	25 11 4	26 0 0	26 0 8
9	29 0 0	29 0 9	29 1 6	9	29 2 3	29 3 0	29 3 9
10	32 2 8	32 3 6	32 4 4	10	32 5 2	32 6 0	32 6 10
11	35 5 4	35 6 3	35 7 2	11	35 8 1	35 9 0	35 9 11
12	38 8 0	38 9 0	38 10 0	12	38 11 0	39 0 0	39 1 0
13	41 10 8	41 11 9	42 0 10	13	42 1 11	42 3 0	42 4 1
14	45 1 4	45 2 6	45 3 8	14	45 4 10	45 6 0	45 7 2
15	48 4 0	48 5 3	48 6 6	15	48 7 9	48 9 0	48 10 3
16	51 6 8	51 8 0	51 9 4	16	51 10 8	52 0 0	52 1 4
17	54 9 4	54 10 9	55 0 2	17	55 1 7	55 3 0	55 4 5
18	58 0 0	58 1 6	58 3 0	18	58 4 6	58 6 0	58 7 6
19	61 2 8	61 4 3	61 5 10	19	61 7 5	61 9 0	61 10 7
20	64 5 4	64 7 0	64 8 8	20	64 10 4	65 0 0	65 1 8
21	67 8 0	67 9 9	67 11 6	21	68 1 3	68 3 0	68 4 9
22	70 10 8	71 0 6	71 2 4	22	71 4 2	71 6 0	71 7 10
23	74 1 4	74 3 3	74 5 2	23	74 7 1	74 9 0	74 10 11
24	77 4 0	77 6 0	77 8 0	24	77 10 0	78 0 0	78 2 0
25	80 6 8	80 8 9	80 10 10	25	81 0 11	81 3 0	81 5 1
26	83 9 4	83 11 6	84 1 8	26	84 3 10	84 6 0	84 8 2
27	87 0 0	87 2 3	87 4 6	27	87 6 9	87 9 0	87 11 3
28	90 2 8	90 5 0	90 7 4	28	90 9 8	91 0 0	91 2 4
29	93 5 4	93 7 9	93 10 2	29	94 0 7	94 3 0	94 5 5
30	96 8 0	96 10 6	97 1 0	30	97 3 6	97 6 0	97 8 6
31	99 10 8	100 1 3	100 3 10	31	100 6 5	100 9 0	100 11 7
32	103 1 4	103 4 0	103 6 8	32	103 9 4	104 0 0	104 2 8
33	106 4 0	106 6 9	106 9 6	33	107 0 3	107 3 0	107 5 9
34	109 6 8	109 9 6	110 0 4	34	110 3 2	110 6 0	110 8 10
35	112 9 4	113 0 3	113 3 2	35	113 6 1	113 9 0	113 11 11
50	161 1 4	161 5 6	161 9 8	50	162 1 10	162 6 0	162 10 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 2 8	0 3 2 9	0 3 2 10	1	0 3 2 11	0 3 3 0	0 3 3 1
2	0 6 5 4	0 6 5 6	0 6 5 8	2	0 6 5 10	0 6 6 0	0 6 6 2
3	0 9 8 0	0 9 8 3	0 9 8 6	3	0 9 8 9	0 9 9 0	0 9 9 3
4	1 0 10 8	1 0 11 0	1 0 11 4	4	1 0 11 8	1 1 0 0	1 1 0 4
5	1 4 1 4	1 4 1 9	1 4 2 2	5	1 4 2 7	1 4 3 0	1 4 3 5
6	1 7 4 0	1 7 4 6	1 7 5 0	6	1 7 5 6	1 7 6 0	1 7 6 6
7	1 10 6 8	1 10 7 3	1 10 7 10	7	1 10 8 5	1 10 9 0	1 10 9 7
8	2 1 9 4	2 1 10 0	2 1 10 8	8	2 1 11 4	2 2 0 0	2 2 0 8
9	2 5 0 0	2 5 0 9	2 5 1 6	9	2 5 2 3	2 5 3 0	2 5 3 9
10	2 8 2 8	2 8 3 6	2 8 4 4	10	2 8 5 2	2 8 6 0	2 8 6 10
11	2 11 5 4	2 11 6 3	2 11 7 2	11	2 11 8 1	2 11 9 0	2 11 9 11

Length.	Area 470	Area 471	Area 472	Length.	Area 473	Area 474	Area 475
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 3 2	3 3 3	3 3 4	1	3 3 5	3 3 6	3 3 7
2	6 6 4	6 6 6	6 6 8	2	6 6 10	6 7 0	6 7 2
3	9 9 6	9 9 9	9 10 0	3	9 10 3	9 10 6	9 10 9
4	13 0 8	13 1 0	13 1 4	4	13 1 8	13 2 0	13 2 4
5	16 3 10	16 4 3	16 4 8	5	16 5 1	16 5 6	16 5 11
6	19 7 0	19 7 6	19 8 0	6	19 8 6	19 9 0	19 9 6
7	22 10 2	22 10 9	22 11 4	7	22 11 11	23 0 6	23 1 1
8	26 1 4	26 2 0	26 2 8	8	26 3 4	26 4 0	26 4 8
9	29 4 6	29 5 3	29 6 0	9	29 6 9	29 7 6	29 8 3
10	32 7 8	32 8 6	32 9 4	10	32 10 2	32 11 0	32 11 9
11	35 10 10	35 11 9	36 0 8	11	36 1 7	36 2 6	36 3 5
12	39 2 0	39 3 0	39 4 0	12	39 5 0	39 6 0	39 7 0
13	42 5 2	42 6 3	42 7 4	13	42 8 5	42 9 6	42 10 7
14	45 8 4	45 9 6	45 10 8	14	45 11 10	46 1 0	46 2 2
15	48 11 6	49 0 9	49 2 0	15	49 3 3	49 4 6	49 5 9
16	52 2 8	52 4 0	52 5 4	16	52 6 8	52 8 0	52 9 4
17	55 5 10	55 7 3	55 8 8	17	55 10 1	55 11 6	56 0 11
18	58 9 0	58 10 6	59 0 0	18	59 1 6	59 3 0	59 4 6
19	62 0 2	62 1 9	62 3 4	19	62 4 11	62 6 6	62 8 1
20	65 3 4	65 5 0	65 6 8	20	65 8 4	65 10 0	65 11 8
21	68 6 6	68 8 3	68 10 0	21	68 11 9	69 1 6	69 3 3
22	71 9 8	71 11 6	72 1 4	22	72 3 2	72 5 0	72 6 10
23	75 0 10	75 2 9	75 4 8	23	75 6 7	75 8 6	75 10 5
24	78 4 0	78 6 0	78 8 0	24	78 10 0	79 0 0	79 2 0
25	81 7 2	81 9 3	81 11 4	25	82 1 5	82 3 6	82 5 7
26	84 10 4	85 0 6	85 2 8	26	85 4 10	85 7 0	85 9 2
27	88 1 6	88 3 9	88 6 0	27	88 8 3	88 10 6	89 0 9
28	91 4 8	91 7 0	91 9 4	28	91 11 8	92 2 0	92 4 4
29	94 7 10	94 10 3	95 0 8	29	95 3 1	95 5 6	95 7 11
30	97 11 0	98 1 6	98 4 0	30	98 6 6	98 9 0	98 11 6
31	101 2 2	101 4 9	101 7 4	31	101 9 11	102 0 6	102 3 1
32	104 5 4	104 8 0	104 10 8	32	105 1 4	105 4 0	105 6 8
33	107 8 6	107 11 3	108 2 0	33	108 4 9	108 7 6	108 10 3
34	110 11 8	111 2 6	111 5 4	34	111 8 2	111 11 0	112 1 10
35	114 2 10	114 5 9	114 8 8	35	114 11 7	115 2 6	115 5 5
50	163 2 4	163 6 6	163 10 8	50	164 2 10	164 7 0	164 11 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 3 2	0 3 3 3	0 3 3 4	1	0 3 3 5	0 3 3 6	0 3 3 7
2	0 6 6 4	0 6 6 6	0 6 6 8	2	0 6 6 10	0 6 7 0	0 6 7 2
3	0 9 9 6	0 9 9 9	0 9 10 0	3	0 9 10 3	0 9 10 6	0 9 10 9
4	1 1 0 8	1 1 1 0	1 1 1 4	4	1 1 1 8	1 1 2 0	1 1 2 4
5	1 4 3 10	1 4 4 3	1 4 4 8	5	1 4 5 1	1 4 5 6	1 4 5 11
6	1 7 7 0	1 7 7 6	1 7 8 0	6	1 7 8 6	1 7 9 0	1 7 9 6
7	1 10 10 2	1 10 10 9	1 10 11 4	7	1 10 11 11	1 11 0 6	1 11 1 1
8	2 2 1 4	2 2 2 0	2 2 2 8	8	2 2 3 4	2 2 4 0	2 2 4 8
9	2 5 4 6	2 5 5 3	2 5 6 0	9	2 5 6 9	2 5 7 6	2 5 8 3
10	2 8 7 8	2 8 8 6	2 8 9 4	10	2 8 10 2	2 8 11 0	2 8 11 9
11	2 11 10 10	2 11 11 9	3 0 0 8	11	3 0 1 7	3 0 2 6	3 0 3 5



Length.	Area 476	Area 477	Area 478	Length.	Area 479	Area 480	Area 481
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 3 8	3 3 9	3 3 10	1	3 3 11	3 4 0	3 4 1
2	6 7 4	6 7 6	6 7 8	2	6 7 10	6 8 0	6 8 2
3	9 11 0	9 11 3	9 11 6	3	9 11 9	10 0 0	10 0 3
4	13 2 8	13 3 0	13 3 4	4	13 3 8	13 4 0	13 4 4
5	16 6 4	16 6 9	16 7 2	5	16 7 7	16 8 0	16 8 5
6	19 10 0	19 10 6	19 11 0	6	19 11 6	20 0 0	20 0 6
7	23 1 8	23 2 3	23 2 10	7	23 3 5	23 4 0	23 4 7
8	26 5 4	26 6 0	26 6 8	8	26 7 4	26 8 0	26 8 8
9	29 9 0	29 9 9	29 10 6	9	29 11 3	30 0 0	30 0 9
10	33 0 8	33 1 6	33 2 4	10	33 3 2	33 4 0	33 4 10
11	36 4 4	36 5 3	36 6 2	11	36 7 1	36 8 0	36 8 11
12	39 8 0	39 9 0	39 10 0	12	39 11 0	40 0 0	40 1 0
13	42 11 8	43 0 9	43 1 10	13	43 2 11	43 4 0	43 5 1
14	46 3 4	46 4 6	46 5 8	14	46 6 10	46 8 0	46 9 2
15	49 7 0	49 8 3	49 9 6	15	49 10 9	50 0 0	50 1 3
16	52 10 8	53 0 0	53 1 4	16	53 2 8	53 4 0	53 5 4
17	56 2 4	56 3 9	56 5 2	17	56 6 7	56 8 0	56 9 5
18	59 6 0	59 7 6	59 9 0	18	59 10 6	60 0 0	60 1 6
19	62 9 8	62 11 3	63 0 10	19	63 2 5	63 4 0	63 5 7
20	66 1 4	66 3 0	66 4 8	20	66 6 4	66 8 0	66 9 8
21	69 5 0	69 6 9	69 8 6	21	69 10 3	70 0 0	70 1 9
22	72 8 8	72 10 6	73 0 4	22	73 2 2	73 4 0	73 5 10
23	76 0 4	76 2 3	76 4 2	23	76 6 1	76 8 0	76 9 11
24	79 4 0	79 6 0	79 8 0	24	79 10 0	80 0 0	80 2 0
25	82 7 8	82 9 9	82 11 10	25	83 1 11	83 4 0	83 6 1
26	85 11 4	86 1 6	86 3 8	26	86 5 10	86 8 0	86 10 2
27	89 3 0	89 5 3	89 7 6	27	89 9 9	90 0 0	90 2 3
28	92 6 8	92 9 0	92 11 4	28	93 1 8	93 4 0	93 6 4
29	95 10 4	96 0 9	96 3 2	29	96 5 7	96 8 0	96 10 5
30	99 2 0	99 4 6	99 7 0	30	99 9 6	100 0 0	100 2 6
31	102 5 8	102 8 3	102 10 10	31	103 1 5	103 4 0	103 6 7
32	105 9 4	106 0 0	106 2 8	32	106 5 4	106 8 0	106 10 8
33	109 1 0	109 3 9	109 6 6	33	109 9 3	110 0 0	110 2 9
34	112 4 8	112 7 6	112 10 4	34	113 1 2	113 4 0	113 6 10
35	115 8 4	115 11 3	116 2 2	35	116 5 1	116 8 0	116 10 11
50	165 3 4	165 7 6	165 11 8	50	166 3 10	166 8 0	167 0 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 3 8	0 3 3 9	0 3 3 10	1	0 3 3 11	0 3 4 0	0 3 4 1
2	0 6 7 4	0 6 7 6	0 6 7 8	2	0 6 7 10	0 6 8 0	0 6 8 2
3	0 9 11 0	0 9 11 3	0 9 11 6	3	0 9 11 9	0 10 0 0	0 10 0 3
4	1 1 2 8	1 1 3 0	1 1 3 4	4	1 1 3 8	1 1 4 0	1 1 4 4
5	1 4 6 4	1 4 6 9	1 4 7 2	5	1 4 7 7	1 4 8 0	1 4 8 5
6	1 7 10 0	1 7 10 6	1 7 11 0	6	1 7 11 6	1 8 0 0	1 8 0 6
7	1 11 1 8	1 11 2 3	1 11 2 10	7	1 11 3 5	1 11 4 0	1 11 4 7
8	2 2 5 4	2 2 6 0	2 2 6 8	8	2 2 7 4	2 2 8 0	2 2 8 8
9	2 5 9 0	2 5 9 9	2 5 10 6	9	2 5 11 3	2 6 0 0	2 6 0 9
10	2 9 0 8	2 9 1 6	2 9 2 4	10	2 9 3 2	2 9 4 0	2 9 4 10
11	3 0 4 4	3 0 5 3	3 0 6 2	11	3 0 7 1	3 0 8 0	3 0 8 11



Length.	Area 482			Area 483			Area 484			Length.	Area 485			Area 486			Area 487				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	4	2	3	4	3	3	4	4	1	3	4	5	3	4	6	3	4	7		
2	6	8	4	6	8	6	6	8	8	2	6	8	10	6	9	0	6	9	2		
3	10	0	6	10	0	9	10	1	0	3	10	1	3	10	1	6	10	1	9		
4	13	4	8	13	5	0	13	5	4	4	13	5	8	13	6	0	13	6	4		
5	16	8	10	16	9	3	16	9	8	5	16	10	1	16	10	6	16	10	11		
6	20	1	0	20	1	6	20	2	0	6	20	2	6	20	3	0	20	3	6		
7	23	5	2	23	5	9	23	6	4	7	23	6	11	23	7	6	23	8	1		
8	26	9	4	26	10	0	26	10	8	8	26	11	4	27	0	0	27	0	8		
9	30	1	6	30	2	3	30	3	0	9	30	3	9	30	4	6	30	5	3		
10	33	5	8	33	6	6	33	7	4	10	33	8	2	33	9	0	33	9	10		
11	36	9	10	36	10	9	36	11	8	11	37	0	7	37	1	6	37	2	5		
12	40	2	0	40	3	0	40	4	0	12	40	5	0	40	6	0	40	7	0		
13	43	6	2	43	7	3	43	8	4	13	43	9	5	43	10	6	43	11	7		
14	46	10	4	46	11	6	47	0	8	14	47	1	10	47	3	0	47	4	2		
15	50	2	6	50	3	9	50	5	0	15	50	6	3	50	7	6	50	8	9		
16	53	6	8	53	8	0	53	9	4	16	53	10	8	54	0	0	54	1	4		
17	56	10	10	57	0	3	57	1	8	17	57	3	1	57	4	6	57	5	11		
18	60	3	0	60	4	6	60	6	0	18	60	7	6	60	9	0	60	10	6		
19	63	7	2	63	8	9	63	10	4	19	63	11	11	64	1	6	64	3	1		
20	66	11	4	67	1	0	67	2	8	20	67	4	4	67	6	0	67	7	8		
21	70	3	6	70	5	3	70	7	0	21	70	8	9	70	10	6	71	0	3		
22	73	7	8	73	9	6	73	11	4	22	74	1	2	74	3	0	74	4	10		
23	76	11	10	77	1	9	77	3	8	23	77	5	7	77	7	6	77	9	5		
24	80	4	0	80	6	0	80	8	0	24	80	10	0	81	0	0	81	2	0		
25	83	8	2	83	10	3	84	0	4	25	84	2	5	84	4	6	84	6	7		
26	87	0	4	87	2	6	87	4	8	26	87	6	10	87	9	0	87	11	2		
27	90	4	6	90	6	9	90	9	0	27	90	11	3	91	1	6	91	3	9		
28	93	8	8	93	11	0	94	1	4	28	94	3	8	94	6	0	94	8	4		
29	97	0	10	97	3	3	97	5	8	29	97	8	1	97	10	6	98	0	11		
30	100	5	0	100	7	6	100	10	0	30	101	0	6	101	3	0	101	5	6		
31	103	9	2	103	11	9	104	2	4	31	104	4	11	104	7	6	104	10	1		
32	107	1	4	107	4	0	107	6	8	32	107	9	4	108	0	0	108	2	8		
33	110	5	6	110	8	3	110	11	0	33	111	1	9	111	4	6	111	7	3		
34	113	9	8	114	0	6	114	3	4	34	114	6	2	114	9	0	114	11	10		
35	117	1	10	117	4	9	117	7	8	35	117	10	7	118	1	6	118	4	5		
50	167	4	4	167	8	6	168	0	8	50	168	4	10	168	9	0	169	1	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	3	4	2	0	3	4	3	0	3	4	4	1	0	3	4	5	0	3	4	7
2	0	6	8	4	0	6	8	6	0	6	8	8	2	0	6	8	10	0	6	9	2
3	0	10	0	6	0	10	0	9	0	10	1	0	3	0	10	1	3	0	10	1	9
4	1	1	4	8	1	1	5	0	1	1	5	4	4	1	1	5	8	1	1	6	4
5	1	4	8	10	1	4	9	3	1	4	9	8	5	1	4	10	1	1	4	10	11
6	1	8	1	0	1	8	1	6	1	8	2	0	6	1	8	3	0	1	8	3	6
7	1	11	5	2	1	11	5	9	1	11	6	4	7	1	11	6	11	1	11	7	8
8	2	2	9	4	2	2	10	0	2	2	10	8	8	2	2	11	4	2	3	0	8
9	2	6	1	6	2	6	2	3	2	6	3	0	9	2	6	3	9	2	6	5	3
10	2	9	5	8	2	9	6	6	2	9	7	4	10	2	9	8	2	2	9	9	10
11	3	0	9	10	3	0	10	9	3	0	11	8	11	3	1	1	6	3	1	2	5

Length.	Area 488	Area 489	Area 490	Length.	Area 491	Area 492	Area 493
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 4 8	3 4 9	3 4 10	1	3 4 11	3 5 0	3 5 1
2	6 9 4	6 9 6	6 9 8	2	6 9 10	6 10 0	6 10 2
3	10 2 0	10 2 3	10 2 6	3	10 2 9	10 3 0	10 3 3
4	13 6 8	13 7 0	13 7 4	4	13 7 8	13 8 0	13 8 4
5	16 11 4	16 11 9	17 0 2	5	17 0 7	17 1 0	17 1 5
6	20 4 0	20 4 6	20 5 0	6	20 5 6	20 6 0	20 6 6
7	23 8 8	23 9 3	23 9 10	7	23 10 5	23 11 0	23 11 7
8	27 1 4	27 2 0	27 2 8	8	27 3 4	27 4 0	27 4 8
9	30 6 0	30 6 9	30 7 6	9	30 8 3	30 9 0	30 9 9
10	33 10 8	33 11 6	34 0 4	10	34 1 2	34 2 0	34 2 10
11	37 3 4	37 4 3	37 5 2	11	37 6 1	37 7 0	37 7 11
12	40 8 0	40 9 0	40 10 0	12	40 11 0	41 0 0	41 1 0
13	44 0 8	44 1 9	44 2 10	13	44 3 11	44 5 0	44 6 1
14	47 5 4	47 6 6	47 7 8	14	47 8 10	47 10 0	47 11 2
15	50 10 0	50 11 3	51 0 6	15	51 1 9	51 3 0	51 4 3
16	54 2 8	54 4 0	54 5 4	16	54 6 8	54 8 0	54 9 4
17	57 7 4	57 8 9	57 10 2	17	57 11 7	58 1 0	58 2 5
18	61 0 0	61 1 6	61 3 0	18	61 4 6	61 6 0	61 7 6
19	64 4 8	64 6 3	64 7 10	19	64 9 5	64 11 0	65 0 7
20	67 9 4	67 11 0	68 0 8	20	68 2 4	68 4 0	68 5 8
21	71 2 0	71 3 9	71 5 6	21	71 7 3	71 9 0	71 10 9
22	74 6 8	74 8 6	74 10 4	22	75 0 2	75 2 0	75 3 10
23	77 11 4	78 1 3	78 3 2	23	78 5 1	78 7 0	78 8 11
24	81 4 0	81 6 0	81 8 0	24	81 10 0	82 0 0	82 2 0
25	84 8 8	84 10 9	85 0 10	25	85 2 11	85 5 0	85 7 1
26	88 1 4	88 3 6	88 5 8	26	88 7 10	88 10 0	89 0 2
27	91 6 0	91 8 3	91 10 6	27	92 0 9	92 3 0	92 5 3
28	94 10 8	95 1 0	95 3 4	28	95 5 8	95 8 0	95 10 4
29	98 3 4	98 5 9	98 8 2	29	98 10 7	99 1 0	99 3 5
30	101 8 0	101 10 6	102 1 0	30	102 3 6	102 6 0	102 8 6
31	105 0 8	105 3 3	105 5 10	31	105 8 5	105 11 0	106 1 7
32	108 5 4	108 8 0	108 10 8	32	109 1 4	109 4 0	109 6 8
33	111 10 0	112 0 9	112 3 6	33	112 6 3	112 9 0	112 11 9
34	115 2 8	115 5 6	115 8 4	34	115 11 2	116 2 0	116 4 10
35	118 7 4	118 10 3	119 1 2	35	119 4 1	119 7 0	119 9 11
50	169 5 4	169 9 6	170 1 8	50	170 5 10	170 10 0	171 2 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 4 8	0 3 4 9	0 3 4 10	1	0 3 4 11	0 3 5 0	0 3 5 1
2	0 6 9 4	0 6 9 6	0 6 9 8	2	0 6 9 10	0 6 10 0	0 6 10 2
3	0 10 2 0	0 10 2 3	0 10 2 6	3	0 10 2 9	0 10 3 0	0 10 3 3
4	1 1 6 8	1 1 7 0	1 1 7 4	4	1 1 7 8	1 1 8 0	1 1 8 4
5	1 4 11 4	1 4 11 9	1 5 0 2	5	1 5 0 7	1 5 1 0	1 5 1 5
6	1 8 4 0	1 8 4 6	1 8 5 0	6	1 8 5 6	1 8 6 0	1 8 6 6
7	1 11 8 8	1 11 9 3	1 11 9 10	7	1 11 10 5	1 11 11 0	1 11 11 7
8	2 3 1 4	2 3 2 0	2 3 2 8	8	2 3 3 4	2 3 4 0	2 3 4 8
9	2 6 6 0	2 6 6 9	2 6 7 6	9	2 6 8 3	2 6 9 0	2 6 9 9
10	2 9 10 8	2 9 11 6	2 10 0 4	10	2 10 1 2	2 10 2 0	2 10 2 10
11	3 1 3 4	3 1 4 3	3 1 5 2	11	3 1 6 1	3 1 7 0	3 1 7 11

Length.	Area 494			Area 495			Area 496			Length.	Area 497			Area 498			Area 499				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	5	2	3	5	3	3	5	4	1	3	5	5	3	5	6	3	5	7		
2	6	10	4	6	10	6	6	10	8	2	6	10	10	6	11	0	6	11	2		
3	10	3	6	10	3	9	10	4	0	3	10	4	3	10	4	6	10	4	9		
4	13	8	8	13	9	0	13	9	4	4	13	9	8	13	10	0	13	10	4		
5	17	1	10	17	2	3	17	2	8	5	17	3	1	17	3	6	17	3	11		
6	20	7	0	20	7	6	20	8	0	6	20	8	6	20	9	0	20	9	6		
7	24	0	2	24	0	9	24	1	4	7	24	1	11	24	2	6	24	3	1		
8	27	5	4	27	6	0	27	6	8	8	27	7	4	27	8	0	27	8	8		
9	30	10	6	30	11	3	31	0	0	9	31	0	9	31	1	6	31	2	3		
10	34	3	8	34	4	6	34	5	4	10	34	6	2	34	7	0	34	7	10		
11	37	8	10	37	9	9	37	10	8	11	37	11	7	38	0	6	38	1	5		
12	41	2	0	41	3	0	41	4	0	12	41	5	0	41	6	0	41	7	0		
13	44	7	2	44	8	3	44	9	4	13	44	10	5	44	11	6	45	0	7		
14	48	0	4	48	1	6	48	2	8	14	48	3	10	48	5	0	48	6	2		
15	51	5	6	51	6	9	51	8	0	15	51	9	3	51	10	6	51	11	9		
16	54	10	8	55	0	0	55	1	4	16	55	2	8	55	4	0	55	5	4		
17	58	3	10	58	5	3	58	6	8	17	58	8	1	58	9	6	58	10	11		
18	61	9	0	61	10	6	62	0	0	18	62	1	6	62	3	0	62	4	6		
19	65	2	2	65	3	9	65	5	4	19	65	6	11	65	8	6	65	10	1		
20	68	7	4	68	9	0	68	10	8	20	69	0	4	69	2	0	69	3	8		
21	72	0	6	72	2	3	72	4	0	21	72	5	9	72	7	6	72	9	3		
22	75	5	8	75	7	6	75	9	4	22	75	11	2	76	1	0	76	2	10		
23	78	10	10	79	0	9	79	2	8	23	79	4	7	79	6	6	79	8	5		
24	82	4	0	82	6	0	82	8	0	24	82	10	0	83	0	0	83	2	0		
25	85	9	2	85	11	3	86	1	4	25	86	3	5	86	5	6	86	7	7		
26	89	2	4	89	4	6	89	6	8	26	89	8	10	89	11	0	90	1	2		
27	92	7	6	92	9	9	93	0	0	27	93	2	3	93	4	6	93	6	9		
28	96	0	8	96	3	0	96	5	4	28	96	7	8	96	10	0	97	0	4		
29	99	5	10	99	8	3	99	10	8	29	100	1	1	100	3	6	100	5	11		
30	102	11	0	103	1	6	103	4	0	30	103	6	6	103	9	0	103	11	6		
31	106	4	2	106	6	9	106	9	4	31	106	11	11	107	2	6	107	5	1		
32	109	9	4	110	0	0	110	2	8	32	110	5	4	110	8	0	110	10	8		
33	113	2	6	113	5	3	113	8	0	33	113	10	9	114	1	6	114	4	3		
34	116	7	8	116	10	6	117	1	4	34	117	4	2	117	7	0	117	9	10		
35	120	0	10	120	3	9	120	6	8	35	120	9	7	121	0	6	121	3	5		
50	171	6	4	171	10	6	172	2	8	50	172	6	10	172	11	0	173	3	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	3	5	2	0	3	5	3	0	3	5	4	1	0	3	5	5	0	3	5	7
2	0	6	10	4	0	6	10	6	0	6	10	8	2	0	6	11	0	0	6	11	2
3	0	10	3	6	0	10	3	9	0	10	4	0	3	0	10	4	6	0	10	4	9
4	1	1	8	8	1	1	9	0	1	1	9	4	4	1	1	10	0	1	1	10	4
5	1	5	1	10	1	5	2	8	1	5	2	8	5	1	5	3	6	1	5	3	11
6	1	8	7	0	1	8	7	6	1	8	8	0	6	1	8	8	6	1	8	9	0
7	2	0	0	2	2	0	0	9	2	0	1	4	7	2	0	1	11	2	0	2	6
8	2	3	5	4	2	3	6	0	2	3	6	8	8	2	3	7	4	2	3	8	8
9	2	6	10	6	2	6	11	3	2	7	0	0	9	2	7	0	9	2	7	2	3
10	2	10	3	8	2	10	4	6	2	10	5	4	10	2	10	6	2	2	10	7	10
11	3	1	8	10	3	1	9	9	3	1	10	8	11	3	2	0	6	3	2	1	5



Length.	Area 500			Area 501			Area 502			Length.	Area 503			Area 504			Area 505				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	5	8	3	5	9	3	5	10	1	3	5	11	3	6	0	3	6	1		
2	6	11	4	6	11	6	6	11	8	2	6	11	10	7	0	0	7	0	2		
3	10	5	0	10	5	3	10	5	6	3	10	5	9	10	6	0	10	6	3		
4	13	10	8	13	11	0	13	11	4	4	13	11	8	14	0	0	14	0	4		
5	17	4	4	17	4	9	17	5	2	5	17	5	7	17	6	0	17	6	5		
6	20	10	0	20	10	6	20	11	0	6	20	11	6	21	0	0	21	0	6		
7	24	3	8	24	4	3	24	4	10	7	24	5	5	24	6	0	24	6	7		
8	27	9	4	27	10	0	27	10	8	8	27	11	4	28	0	0	28	0	8		
9	31	3	0	31	3	9	31	4	6	9	31	5	3	31	6	0	31	6	9		
10	34	8	8	34	9	6	34	10	4	10	34	11	2	35	0	0	35	0	10		
11	38	2	4	38	3	3	38	4	2	11	38	5	1	38	6	0	38	6	11		
12	41	8	0	41	9	0	41	10	0	12	41	11	0	42	0	0	42	1	0		
13	45	1	8	45	2	9	45	3	10	13	45	4	11	45	6	0	45	7	1		
14	48	7	4	48	8	6	48	9	8	14	48	10	10	49	0	0	49	1	2		
15	52	1	0	52	2	3	52	3	6	15	52	4	9	52	6	0	52	7	3		
16	55	6	8	55	8	0	55	9	4	16	55	10	8	56	0	0	56	1	4		
17	59	0	4	59	1	9	59	3	2	17	59	4	7	59	6	0	59	7	5		
18	62	6	0	62	7	6	62	9	0	18	62	10	6	63	0	0	63	1	6		
19	65	11	8	66	1	3	66	2	10	19	66	4	5	66	6	0	66	7	7		
20	69	5	4	69	7	0	69	8	8	20	69	10	4	70	0	0	70	1	8		
21	72	11	0	73	0	9	73	2	6	21	73	4	3	73	6	0	73	7	9		
22	76	4	8	76	6	6	76	8	4	22	76	10	2	77	0	0	77	1	10		
23	79	10	4	80	0	3	80	2	2	23	80	4	1	80	6	0	80	7	11		
24	83	4	0	83	6	0	83	8	0	24	83	10	0	84	0	0	84	2	0		
25	86	9	8	86	11	9	87	1	10	25	87	3	11	87	6	0	87	8	1		
26	90	3	4	90	5	6	90	7	8	26	90	9	10	91	0	0	91	2	2		
27	93	9	0	93	11	3	94	1	6	27	94	3	9	94	6	0	94	8	3		
28	97	2	8	97	5	0	97	7	4	28	97	9	8	98	0	0	98	2	4		
29	100	8	4	100	10	9	101	1	2	29	101	3	7	101	6	0	101	8	5		
30	104	2	0	104	4	6	104	7	0	30	104	9	6	105	0	0	105	2	6		
31	107	7	8	107	10	3	108	0	10	31	108	3	5	108	6	0	108	8	7		
32	111	1	4	111	4	0	111	6	8	32	111	9	4	112	0	0	112	2	8		
33	114	7	0	114	9	9	115	0	6	33	115	3	3	115	6	0	115	8	9		
34	118	0	8	118	3	6	118	6	4	34	118	9	2	119	0	0	119	2	10		
35	121	6	4	121	9	3	122	0	2	35	122	3	1	122	6	0	122	8	11		
50	173	7	4	173	11	6	174	3	8	50	174	7	10	175	0	0	175	4	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	3	5	8	0	3	5	9	0	3	5	10	1	0	3	5	11	0	3	6	1
2	0	6	11	4	0	6	11	6	0	6	11	8	2	0	6	11	10	0	7	0	2
3	0	10	5	0	0	10	5	3	0	10	5	6	3	0	10	5	9	0	10	6	3
4	1	1	10	8	1	1	11	0	1	1	11	4	4	1	1	11	8	1	2	0	4
5	1	5	4	4	1	5	4	9	1	5	5	2	5	1	5	5	7	1	5	6	5
6	1	8	10	0	1	8	10	6	1	8	11	0	6	1	8	11	4	1	9	0	6
7	2	0	3	8	2	0	4	3	2	0	4	10	7	2	0	5	5	2	0	6	7
8	2	3	9	4	2	3	10	0	2	3	10	8	8	2	3	11	4	2	4	0	8
9	2	7	3	0	2	7	3	9	2	7	4	6	9	2	7	5	3	2	7	6	9
10	2	10	8	8	2	10	9	6	2	10	10	4	10	2	10	11	2	2	11	0	10
11	3	2	2	4	3	2	3	3	3	2	4	2	11	3	2	5	1	3	2	6	11



Length.	Area 506			Area 507			Area 508			Length.	Area 509			Area 510			Area 511				
	F.	I.	P.	F.	I.	P.	F.	I.	P.		F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	6	2	3	6	3	3	6	4	1	3	6	5	3	6	6	3	6	7		
2	7	0	4	7	0	6	7	0	8	2	7	0	10	7	1	0	7	1	2		
3	10	6	6	10	6	9	10	7	0	3	10	7	3	10	7	6	10	7	9		
4	14	0	8	14	1	0	14	1	4	4	14	1	8	14	2	0	14	2	4		
5	17	6	10	17	7	3	17	7	8	5	17	8	1	17	8	6	17	8	11		
6	21	1	0	21	1	6	21	2	0	6	21	2	6	21	3	0	21	3	6		
7	24	7	2	24	7	9	24	8	4	7	24	8	11	24	9	6	24	10	1		
8	28	1	4	28	2	0	28	2	8	8	28	3	4	28	4	0	28	4	8		
9	31	7	6	31	8	3	31	9	0	9	31	9	9	31	10	6	31	11	3		
10	35	1	8	35	2	6	35	3	4	10	35	4	2	35	5	0	35	5	10		
11	38	7	10	38	8	9	38	9	8	11	38	10	7	38	11	6	39	0	5		
12	42	2	0	42	3	0	42	4	0	12	42	5	0	42	6	0	42	7	0		
13	45	8	2	45	9	3	45	10	4	13	45	11	5	46	0	6	46	1	7		
14	49	2	4	49	3	6	49	4	8	14	49	5	10	49	7	0	49	8	2		
15	52	8	6	52	9	9	52	11	0	15	53	0	3	53	1	6	53	2	9		
16	56	2	8	56	4	0	56	5	4	16	56	6	8	56	8	0	56	9	4		
17	59	8	10	59	10	3	59	11	8	17	60	1	1	60	2	6	60	3	11		
18	63	3	0	63	4	6	63	6	0	18	63	7	6	63	9	0	63	10	6		
19	66	9	2	66	10	9	67	0	4	19	67	1	11	67	3	6	67	5	1		
20	70	3	4	70	5	0	70	6	8	20	70	8	4	70	10	0	70	11	8		
21	73	9	6	73	11	3	74	1	0	21	74	2	9	74	4	6	74	6	3		
22	77	3	8	77	5	6	77	7	4	22	77	9	2	77	11	0	78	0	10		
23	80	9	10	80	11	9	81	1	8	23	81	3	7	81	5	6	81	7	5		
24	84	4	0	84	6	0	84	8	0	24	84	10	0	85	0	0	85	2	0		
25	87	10	2	88	0	3	88	2	4	25	88	4	5	88	6	6	88	8	7		
26	91	4	4	91	6	6	91	8	8	26	91	10	10	92	1	0	92	3	2		
27	94	10	6	95	0	9	95	3	0	27	95	5	3	95	7	6	95	9	9		
28	98	4	8	98	7	0	98	9	4	28	98	11	8	99	2	0	99	4	4		
29	101	10	10	102	1	3	102	3	8	29	102	6	1	102	8	6	102	10	11		
30	105	5	0	105	7	6	105	10	0	30	106	0	6	106	3	0	106	5	6		
31	108	11	2	109	1	9	109	4	4	31	109	6	11	109	9	6	110	0	1		
32	112	5	4	112	8	0	112	10	8	32	113	1	4	113	4	0	113	6	8		
33	115	11	6	116	2	3	116	5	0	33	116	7	9	116	10	6	117	1	3		
34	119	5	8	119	8	6	119	11	4	34	120	2	2	120	5	0	120	7	10		
35	122	11	10	123	2	9	123	5	8	35	123	8	7	123	11	6	124	2	5		
50	175	8	4	176	0	6	176	4	8	50	176	8	10	177	1	0	177	5	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	3	6	2	0	3	6	3	0	3	6	4	1	0	3	6	6	0	3	6	7
2	0	7	0	4	0	7	0	6	0	7	0	8	2	0	7	1	0	0	7	1	2
3	0	10	6	6	0	10	6	9	0	10	7	0	3	0	10	7	6	0	10	7	9
4	1	2	0	8	1	2	1	0	1	2	1	4	4	1	2	1	8	1	2	2	4
5	1	5	6	10	1	5	7	3	1	5	7	8	5	1	5	8	1	1	5	8	11
6	1	9	1	0	1	9	1	6	1	9	2	0	6	1	9	2	6	1	9	3	6
7	2	0	7	2	2	0	7	9	2	0	8	4	7	2	0	8	11	2	0	9	6
8	2	4	1	4	2	4	2	0	2	4	2	8	8	2	4	3	4	2	4	4	8
9	2	7	7	6	2	7	8	3	2	7	9	0	9	2	7	9	9	2	7	11	3
10	2	11	1	8	2	11	2	6	2	11	3	4	10	2	11	4	2	2	11	5	10
11	3	2	7	10	3	2	8	9	3	2	9	8	11	3	2	11	6	3	3	0	5

Length.	Area 512			Area 513			Area 514			Length.	Area 515			Area 516			Area 517				
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		
1	3	6	8	3	6	9	3	6	10	1	3	6 11	3	7	0	3	7	1			
2	7	1	4	7	1	6	7	1	8	2	7	1 10	7	2	0	7	2	2			
3	10	8	0	10	8	3	10	8	6	3	10	8 9	10	9	0	10	9	3			
4	14	2	8	14	3	0	14	3	4	4	14	3 8	14	4	0	14	4	4			
5	17	9	4	17	9	9	17	10	2	5	17	10 7	17	11	0	17	11	5			
6	21	4	0	21	4	6	21	5	0	6	21	5 6	21	6	0	21	6	6			
7	24	10	8	24	11	3	24	11	10	7	25	0 5	25	1	0	25	1	7			
8	28	5	4	28	6	0	28	6	8	8	28	7 4	28	8	0	28	8	8			
9	32	0	0	32	0	9	32	1	6	9	32	2 3	32	3	0	32	3	9			
10	35	6	8	35	7	6	35	8	4	10	35	9 2	35	10	0	35	10	10			
11	39	1	4	39	2	3	39	3	2	11	39	4 1	39	5	0	39	5	11			
12	42	8	0	42	9	0	42	10	0	12	42	11 0	43	0	0	43	1	0			
13	46	2	8	46	3	9	46	4	10	13	46	5 11	46	7	0	46	8	1			
14	49	9	4	49	10	6	49	11	8	14	50	0 10	50	2	0	50	3	2			
15	53	4	0	53	5	3	53	6	6	15	53	7 9	53	9	0	53	10	3			
16	56	10	8	57	0	0	57	1	4	16	57	2 8	57	4	0	57	5	4			
17	60	5	4	60	6	9	60	8	2	17	60	9 7	60	11	0	61	0	5			
18	64	0	0	64	1	6	64	3	0	18	64	4 6	64	6	0	64	7	6			
19	67	6	8	67	8	3	67	9	10	19	67	11 5	68	1	0	68	2	7			
20	71	1	4	71	3	0	71	4	8	20	71	6 4	71	8	0	71	9	8			
21	74	8	0	74	9	9	74	11	6	21	75	1 3	75	3	0	75	4	9			
22	78	2	8	78	4	6	78	6	4	22	78	8 2	78	10	0	78	11	10			
23	81	9	4	81	11	3	82	1	2	23	82	3 1	82	5	0	82	6	11			
24	85	4	0	85	6	0	85	8	0	24	85	10 0	86	0	0	86	2	0			
25	88	10	8	89	0	9	89	2	10	25	89	4 11	89	7	0	89	9	1			
26	92	5	4	92	7	6	92	9	8	26	92	11 10	93	2	0	93	4	2			
27	96	0	0	96	2	3	96	4	6	27	96	6 9	96	9	0	96	11	3			
28	99	6	8	99	9	0	99	11	4	28	100	1 8	100	4	0	100	6	4			
29	103	1	4	103	3	9	103	6	2	29	103	8 7	103	11	0	104	1	5			
30	106	8	0	106	10	6	107	1	0	30	107	3 6	107	6	0	107	8	6			
31	110	2	8	110	5	3	110	7	10	31	110	10 5	111	1	0	111	3	7			
32	113	9	4	114	0	0	114	2	8	32	114	5 4	114	8	0	114	10	8			
33	117	4	0	117	6	9	117	9	6	33	118	0 3	118	3	0	118	5	9			
34	120	10	8	121	1	6	121	4	4	34	121	7 2	121	10	0	122	0	10			
35	124	5	4	124	8	3	124	11	2	35	125	2 1	125	5	0	125	7	11			
50	177	9	4	178	1	6	178	5	8	50	178	9 10	179	2	0	179	6	2			
In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.	In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.		
1	0	3	6	8	0	3	6	9	0	3	6	10	0	3	7	0	0	3	7	1	
2	0	7	1	4	0	7	1	6	0	7	1	8	2	0	7	2	0	0	7	2	2
3	0	10	8	0	0	10	8	3	0	10	8	6	3	0	10	9	0	0	10	9	3
4	1	2	2	8	1	2	3	0	1	2	3	4	4	1	2	3	8	1	2	4	4
5	1	5	9	4	1	5	9	9	1	5	10	2	5	1	5	10	7	1	5	11	5
6	1	9	4	0	1	9	4	6	1	9	5	0	6	1	9	5	6	1	9	6	6
7	2	0	10	8	2	0	11	3	2	0	11	10	7	2	1	0	5	2	1	1	7
8	2	4	5	4	2	4	6	0	2	4	6	8	8	2	4	7	4	2	4	8	8
9	2	8	0	0	2	8	0	9	2	8	1	6	9	2	8	2	3	2	8	3	9
10	2	11	6	8	2	11	7	6	2	11	8	4	10	2	11	9	2	2	11	10	10
11	3	3	1	4	3	3	2	3	3	3	3	2	11	3	3	4	1	3	3	5	11

Length.	Area 518	Area 519	Area 520	Length.	Area 521	Area 522	Area 523
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 7 2	3 7 3	3 7 4	1	3 7 5	3 7 6	3 7 7
2	7 2 4	7 2 6	7 2 8	2	7 2 10	7 3 0	7 3 2
3	10 9 6	10 9 9	10 10 0	3	10 10 3	10 10 6	10 10 9
4	14 4 8	14 5 0	14 5 4	4	14 5 8	14 6 0	14 6 4
5	17 11 10	18 0 3	18 0 8	5	18 1 1	18 1 6	18 1 11
6	21 7 0	21 7 6	21 8 0	6	21 8 6	21 9 0	21 9 6
7	25 2 2	25 2 9	25 3 4	7	25 3 11	25 4 6	25 5 1
8	28 9 4	28 10 0	28 10 8	8	28 11 4	29 0 0	29 0 8
9	32 4 6	32 5 3	32 6 0	9	32 6 9	32 7 6	32 8 3
10	35 11 8	36 0 6	36 1 4	10	36 2 2	36 3 0	36 3 10
11	39 6 10	39 7 9	39 8 8	11	39 9 7	39 10 6	39 11 5
12	43 2 0	43 3 0	43 4 0	12	43 5 0	43 6 0	43 7 0
13	46 9 2	46 10 3	46 11 4	13	47 0 5	47 1 6	47 2 7
14	50 4 4	50 5 6	50 6 8	14	50 7 10	50 9 0	50 10 2
15	53 11 6	54 0 9	54 2 0	15	54 3 3	54 4 6	54 5 9
16	57 6 8	57 8 0	57 9 4	16	57 10 8	58 0 0	58 1 4
17	61 1 10	61 3 3	61 4 8	17	61 6 1	61 7 6	61 8 11
18	64 9 0	64 10 6	65 0 0	18	65 1 6	65 3 0	65 4 6
19	68 4 2	68 5 9	68 7 4	19	68 8 11	68 10 6	69 0 1
20	71 11 4	72 1 0	72 2 8	20	72 4 4	72 6 0	72 7 8
21	75 6 6	75 8 3	75 10 0	21	75 11 9	76 1 6	76 3 3
22	79 1 8	79 3 6	79 5 4	22	79 7 2	79 9 0	79 10 10
23	82 8 10	82 10 9	83 0 8	23	83 2 7	83 4 6	83 6 5
24	86 4 0	86 6 0	86 8 0	24	86 10 0	87 0 0	87 2 0
25	89 11 2	90 1 3	90 3 4	25	90 5 5	90 7 6	90 9 7
26	93 6 4	93 8 6	93 10 8	26	94 0 10	94 3 0	94 5 2
27	97 1 6	97 3 9	97 6 0	27	97 8 3	97 10 6	98 0 9
28	100 8 8	100 11 0	101 1 4	28	101 3 8	101 6 0	101 8 4
29	104 3 10	104 6 3	104 8 8	29	104 11 1	105 1 6	105 3 11
30	107 11 0	108 1 6	108 4 0	30	108 6 6	108 9 0	108 11 6
31	111 6 2	111 8 9	111 11 4	31	112 1 11	112 4 6	112 7 1
32	115 1 4	115 4 0	115 6 8	32	115 9 4	116 0 0	116 2 8
33	118 8 6	118 11 3	119 2 0	33	119 4 9	119 7 6	119 10 3
34	122 3 8	122 6 6	122 9 4	34	123 0 2	123 3 0	123 5 10
35	125 10 10	126 1 9	126 4 8	35	126 7 7	126 10 6	127 1 5
50	179 10 4	180 2 6	180 6 8	50	180 10 10	181 3 0	181 7 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 7 2	0 3 7 3	0 3 7 4	1	0 3 7 5	0 3 7 6	0 3 7 7
2	0 7 2 4	0 7 2 6	0 7 2 8	2	0 7 2 10	0 7 3 0	0 7 3 2
3	0 10 9 6	0 10 9 9	0 10 10 0	3	0 10 10 3	0 10 10 6	0 10 10 9
4	1 2 4 8	1 2 5 0	1 2 5 4	4	1 2 5 8	1 2 6 0	1 2 6 4
5	1 5 11 10	1 6 0 3	1 6 0 8	5	1 6 1 1	1 6 1 6	1 6 1 11
6	1 9 7 0	1 9 7 6	1 9 8 0	6	1 9 8 6	1 9 9 0	1 9 9 6
7	2 1 2 2	2 1 2 9	2 1 3 4	7	2 1 3 11	2 1 4 6	2 1 5 1
8	2 4 9 4	2 4 10 0	2 4 10 8	8	2 4 11 4	2 5 0 0	2 5 0 8
9	2 8 4 6	2 8 5 3	2 8 6 0	9	2 8 6 9	2 8 7 6	2 8 8 3
10	2 11 11 8	3 0 0 6	3 0 1 4	10	3 0 2 2	3 0 3 0	3 0 3 10
11	3 3 6 10	3 3 7 9	3 3 8 8	11	3 3 9 7	3 3 10 6	3 3 11 5



Length.	Area 524	Area 525	Area 526	Length.	Area 527	Area 528	Area 529
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 7 8	3 7 9	3 7 10	1	3 7 11	3 8 0	3 8 1
2	7 3 4	7 3 6	7 3 8	2	7 3 10	7 4 0	7 4 2
3	10 11 0	10 11 3	10 11 6	3	10 11 9	11 0 0	11 0 3
4	14 6 8	14 7 0	14 7 4	4	14 7 8	14 8 0	14 8 4
5	18 2 4	18 2 9	18 3 2	5	18 3 7	18 4 0	18 4 5
6	21 10 0	21 10 6	21 11 0	6	21 11 6	22 0 0	22 0 6
7	25 5 8	25 6 3	25 6 10	7	25 7 5	25 8 0	25 8 7
8	29 1 4	29 2 0	29 2 8	8	29 3 4	29 4 0	29 4 8
9	32 9 0	32 9 9	32 10 6	9	32 11 3	33 0 0	33 0 9
10	36 4 8	36 5 6	36 6 4	10	36 7 2	36 8 0	36 8 10
11	40 0 4	40 1 3	40 2 2	11	40 3 1	40 4 0	40 4 11
12	43 8 0	43 9 0	43 10 0	12	43 11 0	44 0 0	44 1 0
13	47 3 8	47 4 9	47 5 10	13	47 6 11	47 8 0	47 9 1
14	50 11 4	51 0 6	51 1 8	14	51 2 10	51 4 0	51 5 2
15	54 7 0	54 8 3	54 9 6	15	54 10 9	55 0 0	55 1 3
16	58 2 8	58 4 0	58 5 4	16	58 6 8	58 8 0	58 9 4
17	61 10 4	61 11 9	62 1 2	17	62 2 7	62 4 0	62 5 5
18	65 6 0	65 7 6	65 9 0	18	65 10 6	66 0 0	66 1 6
19	69 1 8	69 3 3	69 4 10	19	69 6 5	69 8 0	69 9 7
20	72 9 4	72 11 0	73 0 8	20	73 2 4	73 4 0	73 5 8
21	76 5 0	76 6 9	76 8 6	21	76 10 3	77 0 0	77 1 9
22	80 0 8	80 2 6	80 4 4	22	80 6 2	80 8 0	80 9 10
23	83 8 4	83 10 3	84 0 2	23	84 2 1	84 4 0	84 5 11
24	87 4 0	87 6 0	87 8 0	24	87 10 0	88 0 0	88 2 0
25	90 11 8	91 1 9	91 3 10	25	91 5 11	91 8 0	91 10 1
26	94 7 4	94 9 6	94 11 8	26	95 1 10	95 4 0	95 6 2
27	98 3 0	98 5 3	98 7 6	27	98 9 9	99 0 0	99 2 3
28	101 10 8	102 1 0	102 3 4	28	102 5 8	102 8 0	102 10 4
29	105 6 4	105 8 9	105 11 2	29	106 1 7	106 4 0	106 6 5
30	109 2 0	109 4 6	109 7 0	30	109 9 6	110 0 0	110 2 6
31	112 9 8	113 0 3	113 2 10	31	113 5 5	113 8 0	113 10 7
32	116 5 4	116 8 0	116 10 8	32	117 1 4	117 4 0	117 6 8
33	120 1 0	120 3 9	120 6 6	33	120 9 3	121 0 0	121 2 9
34	123 8 8	123 11 6	124 2 4	34	124 5 2	124 8 0	124 10 10
35	127 4 4	127 7 3	127 10 2	35	128 1 1	128 4 0	128 6 11
50	181 11 4	182 3 6	182 7 8	50	182 11 10	183 4 0	183 8 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 7 8	0 3 7 9	0 3 7 10	1	0 3 7 11	0 3 8 0	0 3 8 1
2	0 7 3 4	0 7 3 6	0 7 3 8	2	0 7 3 10	0 7 4 0	0 7 4 2
3	0 10 11 0	0 10 11 3	0 10 11 6	3	0 10 11 9	0 11 0 0	0 11 0 3
4	1 2 6 8	1 2 7 0	1 2 7 4	4	1 2 7 8	1 2 8 0	1 2 8 4
5	1 6 2 4	1 6 2 9	1 6 3 2	5	1 6 3 7	1 6 4 0	1 6 4 5
6	1 9 10 0	1 9 10 6	1 9 11 0	6	1 9 11 6	1 10 0 0	1 10 0 6
7	2 1 5 8	2 1 6 3	2 1 6 10	7	2 1 7 5	2 1 8 0	2 1 8 7
8	2 5 1 4	2 5 2 0	2 5 2 8	8	2 5 3 4	2 5 4 0	2 5 4 8
9	2 8 9 0	2 8 9 9	2 8 10 6	9	2 8 11 3	2 9 0 0	2 9 0 9
10	3 0 4 8	3 0 5 6	3 0 6 4	10	3 0 7 2	3 0 8 0	3 0 8 10
11	3 4 0 4	3 4 1 3	3 4 2 2	11	3 4 3 1	3 4 4 0	3 4 4 11



Length.	Area 530			Area 531			Area 532			Length.	Area 533			Area 534			Area 535					
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.			
1	3	8	2	3	8	3	3	8	4	1	3	8	5	3	8	6	3	8	7			
2	7	4	4	7	4	6	7	4	8	2	7	4	10	7	5	0	7	5	2			
3	11	0	6	11	0	9	11	1	0	3	11	1	3	11	1	6	11	1	9			
4	14	8	8	14	9	0	14	9	4	4	14	9	8	14	10	0	14	10	4			
5	18	4	10	18	5	3	18	5	8	5	18	6	1	18	6	6	18	6	11			
6	22	1	0	22	1	6	22	2	0	6	22	2	6	22	3	0	22	3	6			
7	25	9	2	25	9	9	25	10	4	7	25	10	11	25	11	6	26	0	1			
8	29	5	4	29	6	0	29	6	8	8	29	7	4	29	8	0	29	8	8			
9	33	1	6	33	2	3	33	3	0	9	33	3	9	33	4	6	33	5	3			
10	36	9	8	36	10	6	36	11	4	10	37	0	2	37	1	0	37	1	10			
11	40	5	10	40	6	9	40	7	8	11	40	8	7	40	9	6	40	10	5			
12	44	2	0	44	3	0	44	4	0	12	44	5	0	44	6	0	44	7	0			
13	47	10	2	47	11	3	48	0	4	13	48	1	5	48	2	6	48	3	7			
14	51	6	4	51	7	6	51	8	8	14	51	9	10	51	11	0	52	0	2			
15	55	2	6	55	3	9	55	5	0	15	55	6	3	55	7	6	55	8	9			
16	58	10	8	59	0	0	59	1	4	16	59	2	8	59	4	0	59	5	4			
17	62	6	10	62	8	3	62	9	8	17	62	11	1	63	0	6	63	1	11			
18	66	3	0	66	4	6	66	6	0	18	66	7	6	66	9	0	66	10	6			
19	69	11	2	70	0	9	70	2	4	19	70	3	11	70	5	6	70	7	1			
20	73	7	4	73	9	0	73	10	8	20	74	0	4	74	2	0	74	3	8			
21	77	3	6	77	5	3	77	7	0	21	77	8	9	77	10	6	78	0	3			
22	80	11	8	81	1	6	81	3	4	22	81	5	2	81	7	0	81	8	10			
23	84	7	10	84	9	9	84	11	8	23	85	1	7	85	3	6	85	5	5			
24	88	4	0	88	6	0	88	8	0	24	88	10	0	89	0	0	89	2	0			
25	92	0	2	92	2	3	92	4	4	25	92	6	5	92	8	6	92	10	7			
26	95	8	4	95	10	6	96	0	8	26	96	2	10	96	5	0	96	7	2			
27	99	4	6	99	6	9	99	9	0	27	99	11	3	100	1	6	100	3	9			
28	103	0	8	103	3	0	103	5	4	28	103	7	8	103	10	0	104	0	4			
29	106	8	10	106	11	3	107	1	8	29	107	4	1	107	6	6	107	8	11			
30	110	5	0	110	7	6	110	10	0	30	111	0	6	111	3	0	111	5	6			
31	114	1	2	114	3	9	114	6	4	31	114	8	11	114	11	6	115	2	1			
32	117	9	4	118	0	0	118	2	8	32	118	5	4	118	8	0	118	10	8			
33	121	5	6	121	8	3	121	11	0	33	122	1	9	122	4	6	122	7	3			
34	125	1	8	125	4	6	125	7	4	34	125	10	2	126	1	0	126	3	10			
35	128	9	10	129	0	9	129	3	8	35	129	6	7	129	9	6	130	0	5			
50	184	0	4	184	4	6	184	8	8	50	185	0	10	185	5	0	185	9	2			
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.		
1	0	3	8	2	0	3	8	3	0	3	8	4	1	0	3	8	6	0	3	8	7	
2	0	7	4	4	0	7	4	6	0	7	4	8	2	0	7	5	0	0	7	5	2	
3	0	11	0	6	0	11	0	9	0	11	1	0	3	0	11	1	6	0	11	1	9	
4	1	2	8	8	1	2	9	0	1	2	9	4	4	1	2	9	8	1	2	10	4	
5	1	6	4	10	1	6	5	3	1	6	5	8	5	1	6	6	1	1	6	6	11	
6	1	10	1	0	1	10	1	6	1	10	2	0	6	1	10	3	0	1	10	3	6	
7	2	1	9	2	2	1	9	9	2	2	1	10	4	7	2	1	10	11	6	2	0	1
8	2	5	5	4	2	5	6	0	2	5	6	8	8	2	5	7	4	2	5	8	0	2
9	2	9	1	6	2	9	2	3	2	9	3	0	9	2	9	3	9	2	9	4	6	2
10	3	0	9	8	3	0	10	6	3	0	11	4	10	3	1	0	2	3	1	1	0	3
11	3	4	5	10	3	4	6	9	3	4	7	8	11	3	4	8	7	3	4	9	6	3

Length.	Area 536	Area 537	Area 538	Length.	Area 539	Area 540	Area 541
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 8 8	3 8 9	3 8 10	1	3 8 11	3 9 0	3 9 1
2	7 5 4	7 5 6	7 5 8	2	7 5 10	7 6 0	7 6 2
3	11 2 0	11 2 3	11 2 6	3	11 2 9	11 3 0	11 3 3
4	14 10 8	14 11 0	14 11 4	4	14 11 8	15 0 0	15 0 4
5	18 7 4	18 7 9	18 8 2	5	18 8 7	18 9 0	18 9 5
6	22 4 0	22 4 6	22 5 0	6	22 5 6	22 6 0	22 6 6
7	26 0 8	26 1 3	26 1 10	7	26 2 5	26 3 0	26 3 7
8	29 9 4	29 10 0	29 10 8	8	29 11 4	30 0 0	30 0 8
9	33 6 0	33 6 9	33 7 6	9	33 8 3	33 9 0	33 9 9
10	37 2 8	37 3 6	37 4 4	10	37 5 2	37 6 0	37 6 10
11	40 11 4	41 0 3	41 1 2	11	41 2 1	41 3 0	41 3 11
12	44 8 0	44 9 0	44 10 0	12	44 11 0	45 0 0	45 1 0
13	48 4 8	48 5 9	48 6 10	13	48 7 11	48 9 0	48 10 1
14	52 1 4	52 2 6	52 3 8	14	52 4 10	52 6 0	52 7 2
15	55 10 0	55 11 3	56 0 6	15	56 1 9	56 3 0	56 4 3
16	59 6 8	59 8 0	59 9 4	16	59 10 8	60 0 0	60 1 4
17	63 3 4	63 4 9	63 6 2	17	63 7 7	63 9 0	63 10 5
18	67 0 0	67 1 6	67 3 0	18	67 4 6	67 6 0	67 7 6
19	70 8 8	70 10 3	70 11 10	19	71 1 5	71 3 0	71 4 7
20	74 5 4	74 7 0	74 8 8	20	74 10 4	75 0 0	75 1 8
21	78 2 0	78 3 9	78 5 6	21	78 7 3	78 9 0	78 10 9
22	81 10 8	82 0 6	82 2 4	22	82 4 2	82 6 0	82 7 10
23	85 7 4	85 9 3	85 11 2	23	86 1 1	86 3 0	86 4 11
24	89 4 0	89 6 0	89 8 0	24	89 10 0	90 0 0	90 2 0
25	93 0 8	93 2 9	93 4 10	25	93 6 11	93 9 0	93 11 1
26	96 9 4	96 11 6	97 1 8	26	97 3 10	97 6 0	97 8 2
27	100 6 0	100 8 3	100 10 6	27	101 0 9	101 3 0	101 5 3
28	104 2 8	104 5 0	104 7 4	28	104 9 8	105 0 0	105 2 4
29	107 11 4	108 1 9	108 4 2	29	108 6 7	108 9 0	108 11 5
30	111 8 0	111 10 6	112 1 0	30	112 3 6	112 6 0	112 8 6
31	115 4 8	115 7 3	115 9 10	31	116 0 5	116 3 0	116 5 7
32	119 1 4	119 4 0	119 6 8	32	119 9 4	120 0 0	120 2 8
33	122 10 0	123 0 9	123 3 6	33	123 6 3	123 9 0	123 11 9
34	126 6 8	126 9 6	127 0 4	34	127 3 2	127 6 0	127 8 10
35	130 3 4	130 6 3	130 9 2	35	131 0 1	131 3 0	131 5 11
50	186 1 4	186 5 6	186 9 8	50	187 1 10	187 6 0	187 10 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 3 8 8	0 3 8 9	0 3 8 10	1	0 3 8 11	0 3 9 0	0 3 9 1
2	0 7 5 4	0 7 5 6	0 7 5 8	2	0 7 5 10	0 7 6 0	0 7 6 2
3	0 11 2 0	0 11 2 3	0 11 2 6	3	0 11 2 9	0 11 3 0	0 11 3 3
4	1 2 10 8	1 2 11 0	1 2 11 4	4	1 2 11 8	1 3 0 0	1 3 0 4
5	1 6 7 4	1 6 7 9	1 6 8 2	5	1 6 8 7	1 6 9 0	1 6 9 5
6	1 10 4 0	1 10 4 6	1 10 5 0	6	1 10 5 6	1 10 6 0	1 10 6 6
7	2 2 0 8	2 2 1 3	2 2 1 10	7	2 2 2 5	2 3 0 0	2 3 0 7
8	2 5 9 4	2 5 10 0	2 5 10 8	8	2 5 11 4	2 6 0 0	2 6 0 8
9	2 9 6 0	2 9 6 9	2 9 7 6	9	2 9 8 3	2 9 9 0	2 9 9 9
10	3 1 2 8	3 1 3 6	3 1 4 4	10	3 1 5 2	3 1 6 0	3 1 6 10
11	3 4 11 4	3 5 0 3	3 5 1 2	11	3 5 2 1	3 5 3 0	3 5 3 11

Length.	Area 542			Area 543			Area 544			Length.	Area 545			Area 546			Area 547				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	9	2	3	9	3	3	9	4	1	3	9	5	3	9	6	3	9	7		
2	7	6	4	7	6	6	7	6	8	2	7	6	10	7	7	0	7	7	2		
3	11	3	6	11	3	9	11	4	0	3	11	4	3	11	4	6	11	4	9		
4	15	0	8	15	1	0	15	1	4	4	15	1	8	15	2	0	15	2	4		
5	18	9	10	18	10	3	18	10	8	5	18	11	1	18	11	6	18	11	11		
6	22	7	0	22	7	6	22	8	0	6	22	8	6	22	9	0	22	9	6		
7	26	4	2	26	4	9	26	5	4	7	26	5	11	26	6	6	26	7	1		
8	30	1	4	30	2	0	30	2	8	8	30	3	4	30	4	0	30	4	8		
9	33	10	6	33	11	3	34	0	0	9	34	0	9	34	1	6	34	2	3		
10	37	7	8	37	8	6	37	9	4	10	37	10	2	37	11	0	37	11	10		
11	41	4	10	41	5	9	41	6	8	11	41	7	7	41	8	6	41	9	5		
12	45	2	0	45	3	0	45	4	0	12	45	5	0	45	6	0	45	7	0		
13	48	11	2	49	0	3	49	1	4	13	49	2	5	49	3	6	49	4	7		
14	52	8	4	52	9	6	52	10	8	14	52	11	10	53	1	0	53	2	2		
15	56	5	6	56	6	9	56	8	0	15	56	9	3	56	10	6	56	11	9		
16	60	2	8	60	4	0	60	5	4	16	60	6	8	60	8	0	60	9	4		
17	63	11	10	64	1	3	64	2	8	17	64	4	1	64	5	6	64	6	11		
18	67	9	0	67	10	6	68	0	0	18	68	1	6	68	3	0	68	4	6		
19	71	6	2	71	7	9	71	9	4	19	71	10	11	72	0	6	72	2	1		
20	75	3	4	75	5	0	75	6	8	20	75	8	4	75	10	0	75	11	8		
21	79	0	6	79	2	3	79	4	0	21	79	5	9	79	7	6	79	9	3		
22	82	9	8	82	11	6	83	1	4	22	83	3	2	83	5	0	83	6	10		
23	86	6	10	86	8	9	86	10	8	23	87	0	7	87	2	6	87	4	5		
24	90	4	0	90	6	0	90	8	0	24	90	10	0	91	0	0	91	2	0		
25	94	1	2	94	3	3	94	5	4	25	94	7	5	94	9	6	94	11	7		
26	97	10	4	98	0	6	98	2	8	26	98	4	10	98	7	0	98	9	2		
27	101	7	6	101	9	9	102	0	0	27	102	2	3	102	4	6	102	6	9		
28	105	4	8	105	7	0	105	9	4	28	105	11	8	106	2	0	106	4	4		
29	109	1	10	109	4	3	109	6	8	29	109	9	1	109	11	6	110	1	11		
30	112	11	0	113	1	6	113	4	0	30	113	6	6	113	9	0	113	11	6		
31	116	8	2	116	10	9	117	1	4	31	117	3	11	117	6	6	117	9	1		
32	120	5	4	120	8	0	120	10	8	32	121	1	4	121	4	0	121	6	8		
33	124	2	6	124	5	3	124	8	0	33	124	10	9	125	1	6	125	4	3		
34	127	11	8	128	2	6	128	5	4	34	128	8	2	128	11	0	129	1	10		
35	131	8	10	131	11	9	132	2	8	35	132	5	7	132	8	6	132	11	5		
50	188	2	4	188	6	6	188	10	8	50	189	2	10	189	7	0	189	11	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	3	9	2	0	3	9	3	0	3	9	4	1	0	3	9	5	0	3	9	6
2	0	7	6	4	0	7	6	6	0	7	6	8	2	0	7	6	10	0	7	7	0
3	0	11	3	6	0	11	3	9	0	11	4	0	3	0	11	4	3	0	11	4	9
4	1	3	0	8	1	3	1	0	1	3	1	4	4	1	3	1	8	1	3	2	4
5	1	6	9	10	1	6	10	3	1	6	10	8	5	1	6	11	1	1	6	11	11
6	1	10	7	0	1	10	7	6	1	10	8	0	6	1	10	8	6	1	10	9	6
7	2	2	4	2	2	4	9	2	2	5	4	7	2	2	5	11	2	2	6	2	7
8	2	6	1	4	2	6	2	0	2	6	2	8	8	2	6	3	4	2	6	4	8
9	2	9	10	6	2	9	11	3	2	10	0	0	9	2	10	0	9	2	10	1	6
10	3	1	7	8	3	1	8	6	3	1	9	4	10	3	1	10	2	3	1	11	0
11	3	5	4	10	3	5	5	9	3	5	6	8	11	3	5	7	7	3	5	8	6



Length.	Area 548			Area 549			Area 550			Length.	Area 551			Area 552			Area 553				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	9	8	3	9	9	3	9	10	1	3	9	11	3	10	0	3	10	1		
2	7	7	4	7	7	6	7	7	8	2	7	7	10	7	8	0	7	8	2		
3	11	5	0	11	5	3	11	5	6	3	11	5	9	11	6	0	11	6	3		
4	15	2	8	15	3	0	15	3	4	4	15	3	8	15	4	0	15	4	4		
5	19	0	4	19	0	9	19	1	2	5	19	1	7	19	2	0	19	2	5		
6	22	10	0	22	10	6	22	11	0	6	22	11	6	23	0	0	23	0	6		
7	26	7	8	26	8	3	26	8	10	7	26	9	5	26	10	0	26	10	7		
8	30	5	4	30	6	0	30	6	8	8	30	7	4	30	8	0	30	8	8		
9	34	3	0	34	3	9	34	4	6	9	34	5	3	34	6	0	34	6	9		
10	38	0	8	38	1	6	38	2	4	10	38	3	2	38	4	0	38	4	10		
11	41	10	4	41	11	3	42	0	2	11	42	1	1	42	2	0	42	2	11		
12	45	8	0	45	9	0	45	10	0	12	45	11	0	46	0	0	46	1	0		
13	49	5	8	49	6	9	49	7	10	13	49	8	11	49	10	0	49	11	1		
14	53	3	4	53	4	6	53	5	8	14	53	6	10	53	8	0	53	9	2		
15	57	1	0	57	2	3	57	3	6	15	57	4	9	57	6	0	57	7	3		
16	60	10	8	61	0	0	61	1	4	16	61	2	8	61	4	0	61	5	4		
17	64	8	4	64	9	9	64	11	2	17	65	0	7	65	2	0	65	3	5		
18	68	6	0	68	7	6	68	9	0	18	68	10	6	69	0	0	69	1	6		
19	72	3	8	72	5	3	72	6	10	19	72	8	5	72	10	0	72	11	7		
20	76	1	4	76	3	0	76	4	8	20	76	6	4	76	8	0	76	9	8		
21	79	11	0	80	0	9	80	2	6	21	80	4	3	80	6	0	80	7	9		
22	83	8	8	83	10	6	84	0	4	22	84	2	2	84	4	0	84	5	10		
23	87	6	4	87	8	3	87	10	2	23	88	0	1	88	2	0	88	3	11		
24	91	4	0	91	6	0	91	8	0	24	91	10	0	92	0	0	92	2	0		
25	95	1	8	95	3	9	95	5	10	25	95	7	11	95	10	0	96	0	1		
26	98	11	4	99	1	6	99	3	8	26	99	5	10	99	8	0	99	10	2		
27	102	9	0	102	11	3	103	1	6	27	103	3	9	103	6	0	103	8	3		
28	106	6	8	106	9	0	106	11	4	28	107	1	8	107	4	0	107	6	4		
29	110	4	4	110	6	9	110	9	2	29	110	11	7	111	2	0	111	4	5		
30	114	2	0	114	4	6	114	7	0	30	114	9	6	115	0	0	115	2	6		
31	117	11	3	118	2	3	118	4	10	31	118	7	5	118	10	0	119	0	7		
32	121	9	4	122	0	0	122	2	8	32	122	5	4	122	8	0	122	10	8		
33	125	7	0	125	9	9	126	0	6	33	126	3	3	126	6	0	126	8	9		
34	129	4	8	129	7	6	129	10	4	34	130	1	2	130	4	0	130	6	10		
35	133	2	4	133	5	3	133	8	2	35	133	11	1	134	2	0	134	4	11		
50	190	3	4	190	7	6	190	11	8	50	191	3	10	191	8	0	192	0	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	3	9	8	0	3	9	9	0	3	9	10	1	0	3	9	11	0	3	10	1
2	0	7	7	4	0	7	7	6	0	7	7	8	2	0	7	7	10	0	7	8	2
3	0	11	5	0	0	11	5	3	0	11	5	6	3	0	11	5	9	0	11	6	3
4	1	3	2	8	1	3	3	0	1	3	3	4	4	1	3	4	0	1	3	4	4
5	1	7	0	4	1	7	0	9	1	7	1	2	5	1	7	2	0	1	7	2	5
6	1	10	10	0	1	10	10	6	1	10	11	0	6	1	11	0	0	1	11	0	6
7	2	2	7	8	2	2	8	3	2	2	8	10	7	2	2	9	5	2	2	10	7
8	2	6	5	4	2	6	6	0	2	6	6	8	8	2	6	7	4	2	6	8	0
9	2	10	3	0	2	10	3	9	2	10	4	6	9	2	10	5	3	2	10	6	9
10	3	2	0	8	3	2	1	6	3	2	2	4	10	3	2	3	2	3	2	4	10
11	3	5	10	4	3	5	11	3	3	6	0	2	11	3	6	1	1	3	6	2	11



Length.	Area 554			Area 555			Area 556			Length.	Area 557			Area 558			Area 559					
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.			
1	3	10	2	3	10	3	3	10	4	1	3	10	5	3	10	6	3	10	7			
2	7	8	4	7	8	6	7	8	8	2	7	8	10	7	9	0	7	9	2			
3	11	6	6	11	6	9	11	7	0	3	11	7	3	11	7	6	11	7	9			
4	15	4	8	15	5	0	15	5	4	4	15	5	8	15	6	0	15	6	4			
5	19	2	10	19	3	3	19	3	8	5	19	4	1	19	4	6	19	4	11			
6	23	1	0	23	1	6	23	2	0	6	23	2	6	23	3	0	23	3	6			
7	26	11	2	26	11	9	27	0	4	7	27	0	11	27	1	6	27	2	1			
8	30	9	4	30	10	0	30	10	8	8	30	11	4	31	0	0	31	0	8			
9	34	7	6	34	8	3	34	9	0	9	34	9	9	34	10	6	34	11	3			
10	38	5	8	38	6	6	38	7	4	10	38	8	2	38	9	0	38	9	10			
11	42	3	10	42	4	9	42	5	8	11	42	6	7	42	7	6	42	8	5			
12	46	2	0	46	3	0	46	4	0	12	46	5	0	46	6	0	46	7	0			
13	50	0	2	50	1	3	50	2	4	13	50	3	5	50	4	6	50	5	7			
14	53	10	4	53	11	6	54	0	8	14	54	1	10	54	3	0	54	4	2			
15	57	8	6	57	9	9	57	11	0	15	58	0	3	58	1	6	58	2	9			
16	61	6	8	61	8	0	61	9	4	16	61	10	8	62	0	0	62	1	4			
17	65	4	10	65	6	3	65	7	8	17	65	9	1	65	10	6	65	11	11			
18	69	3	0	69	4	6	69	6	0	18	69	7	6	69	9	0	69	10	6			
19	73	1	2	73	2	9	73	4	4	19	73	5	11	73	7	6	73	9	1			
20	76	11	4	77	1	0	77	2	8	20	77	4	4	77	6	0	77	7	8			
21	80	9	6	80	11	3	81	1	0	21	81	2	9	81	4	6	81	6	3			
22	84	7	8	84	9	6	84	11	4	22	85	1	2	85	3	0	85	4	10			
23	88	5	10	88	7	9	88	9	8	23	88	11	7	89	1	6	89	3	5			
24	92	4	0	92	6	0	92	8	0	24	92	10	0	93	0	0	93	2	0			
25	96	2	2	96	4	3	96	6	4	25	96	8	5	96	10	6	97	0	7			
26	100	0	4	100	2	6	100	4	8	26	100	6	10	100	9	0	100	11	2			
27	103	10	6	104	0	9	104	3	0	27	104	5	3	104	7	6	104	9	9			
28	107	8	8	107	11	0	108	1	4	28	108	3	8	108	6	0	108	8	4			
29	111	6	10	111	9	3	111	11	8	29	112	2	1	112	4	6	112	6	11			
30	115	5	0	115	7	6	115	10	0	30	116	0	6	116	3	0	116	5	6			
31	119	3	2	119	5	9	119	8	4	31	119	10	11	120	1	6	120	4	1			
32	123	1	4	123	4	0	123	6	8	32	123	9	4	124	0	0	124	2	8			
33	126	11	6	127	2	3	127	5	0	33	127	7	9	127	10	6	128	1	3			
34	130	9	8	131	0	6	131	3	4	34	131	6	2	131	9	0	131	11	10			
35	134	7	10	134	10	9	135	1	8	35	135	4	7	135	7	6	135	10	5			
50	192	4	4	192	8	6	193	0	8	50	193	4	10	193	9	0	194	1	2			
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.		
1	0	3	10	2	0	3	10	3	0	3	10	4	1	0	3	10	5	0	3	10	7	
2	0	7	8	4	0	7	8	6	0	7	8	8	2	0	7	9	0	0	7	9	2	
3	0	11	6	6	0	11	6	9	0	11	7	0	3	0	11	7	6	0	11	7	9	
4	1	3	4	8	1	3	5	0	1	3	5	4	4	1	3	6	0	1	3	6	4	
5	1	7	2	10	1	7	3	3	1	7	3	8	5	1	7	4	6	1	7	4	11	
6	1	11	1	0	1	11	1	6	1	11	2	0	6	1	11	3	0	1	11	3	0	
7	2	2	11	2	2	2	11	9	2	3	0	4	7	2	3	1	6	2	3	2	1	
8	2	6	9	4	2	6	10	0	2	6	10	8	8	2	6	11	4	2	7	0	8	
9	2	10	7	6	2	10	8	3	2	10	9	0	9	2	10	9	0	6	2	10	11	3
10	3	2	5	8	3	2	6	6	3	2	7	4	10	3	2	8	2	3	2	9	10	
11	3	6	3	10	3	6	4	9	3	6	5	8	11	3	6	6	7	6	3	6	8	5

Length.	Area 560	Area 561	Area 562	Length.	Area 563	Area 564	Area 565
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	3 10 8	3 10 9	3 10 10	1	3 10 11	3 11 0	3 11 1
2	7 9 4	7 9 6	7 9 8	2	7 9 10	7 10 0	7 10 2
3	11 8 0	11 8 3	11 8 6	3	11 8 9	11 9 0	11 9 3
4	15 6 8	15 7 0	15 7 4	4	15 7 8	15 8 0	15 8 4
5	19 5 4	19 5 9	19 6 2	5	19 6 7	19 7 0	19 7 5
6	23 4 0	23 4 6	23 5 0	6	23 5 6	23 6 0	23 6 6
7	27 2 8	27 3 5	27 3 10	7	27 4 5	27 5 0	27 5 7
8	31 1 4	31 2 0	31 2 8	8	31 3 4	31 4 0	31 4 8
9	35 0 0	35 0 9	35 1 6	9	35 2 3	35 3 0	35 3 9
10	38 10 8	38 11 6	39 0 4	10	39 1 2	39 2 0	39 2 10
11	42 9 4	42 10 3	42 11 2	11	43 0 1	43 1 0	43 1 11
12	46 8 0	46 9 0	46 10 0	12	46 11 0	47 0 0	47 1 0
13	50 6 8	50 7 9	50 8 10	13	50 9 11	50 11 0	51 0 1
14	54 5 4	54 6 6	54 7 8	14	54 8 10	54 10 0	54 11 2
15	58 4 0	58 5 3	58 6 6	15	58 7 9	58 9 0	58 10 3
16	62 2 8	62 4 0	62 5 4	16	62 6 8	62 8 0	62 9 4
17	66 1 4	66 2 9	66 4 2	17	66 5 7	66 7 0	66 8 5
18	70 0 0	70 1 6	70 3 0	18	70 4 6	70 6 0	70 7 6
19	73 10 8	74 0 3	74 1 10	19	74 3 5	74 5 0	74 6 7
20	77 9 4	77 11 0	78 0 8	20	78 2 4	78 4 0	78 5 8
21	81 8 0	81 9 9	81 11 6	21	82 1 3	82 3 0	82 4 9
22	85 6 8	85 8 6	85 10 4	22	86 0 2	86 2 0	86 3 10
23	89 5 4	89 7 3	89 9 2	23	89 11 1	90 1 0	90 2 11
24	93 4 0	93 6 0	93 8 0	24	93 10 0	94 0 0	94 2 0
25	97 2 8	97 4 9	97 6 10	25	97 8 11	97 11 0	98 1 1
26	101 1 4	101 3 6	101 5 8	26	101 7 10	101 10 0	102 0 2
27	105 0 0	105 2 3	105 4 6	27	105 6 9	105 9 0	105 11 3
28	108 10 8	109 1 0	109 3 4	28	109 5 8	109 8 0	109 10 4
29	112 9 4	112 11 9	113 2 2	29	113 4 7	113 7 0	113 9 5
30	116 8 0	116 10 6	117 1 0	30	117 3 6	117 6 0	117 8 6
31	120 6 8	120 9 3	120 11 10	31	121 2 5	121 5 0	121 7 7
32	124 5 4	124 8 0	124 10 8	32	125 1 4	125 4 0	125 6 8
33	128 4 0	128 6 9	128 9 6	33	129 0 3	129 3 0	129 5 9
34	132 2 8	132 5 6	132 8 4	34	132 11 2	133 2 0	133 4 10
35	136 1 4	136 4 3	136 7 2	35	136 10 1	137 1 0	137 3 11
50	194 5 4	194 9 6	195 1 8	50	195 5 10	195 10 0	196 2 2
In.	F. I. P. s.	F. I. P. s.	F. I. P. s.	In.	F. I. P. s.	F. I. P. s.	F. I. P. s.
1	0 3 10 8	0 3 10 9	0 3 10 10	1	0 3 10 11	0 3 11 0	0 3 11 1
2	0 7 9 4	0 7 9 6	0 7 9 8	2	0 7 9 10	0 7 10 0	0 7 10 2
3	0 11 8 0	0 11 8 3	0 11 8 6	3	0 11 8 9	0 11 9 0	0 11 9 3
4	1 3 6 8	1 3 7 0	1 3 7 4	4	1 3 7 8	1 3 8 0	1 3 8 4
5	1 7 5 4	1 7 5 9	1 7 6 2	5	1 7 6 7	1 7 7 0	1 7 7 5
6	1 11 4 0	1 11 4 6	1 11 5 0	6	1 11 5 6	1 11 6 0	1 11 6 6
7	2 3 2 8	2 3 3 5	2 3 3 10	7	2 3 4 5	2 3 5 0	2 3 5 7
8	2 7 1 4	2 7 2 0	2 7 2 8	8	2 7 3 4	2 7 4 0	2 7 4 8
9	2 11 0 0	2 11 0 9	2 11 1 6	9	2 11 2 3	2 11 3 0	2 11 3 9
10	3 2 10 8	3 2 11 6	3 3 0 4	10	3 3 1 2	3 3 2 0	3 3 2 10
11	3 6 9 4	3 6 10 3	3 6 11 2	11	3 7 0 1	3 7 1 0	3 7 1 11

Length.	Area 566			Area 567			Area 568			Length.	Area 569			Area 570			Area 571				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	11	2	3	11	3	3	11	4	1	3	11	5	3	11	6	3	11	7		
2	7	10	4	7	10	6	7	10	8	2	7	10	10	7	11	0	7	11	2		
3	11	9	6	11	9	9	11	10	0	3	11	10	3	11	10	6	11	10	9		
4	15	8	8	15	9	0	15	9	4	4	15	9	8	15	10	0	15	10	4		
5	19	7	10	19	8	3	19	8	3	5	19	9	1	19	9	6	19	9	11		
6	23	7	0	23	7	6	23	8	0	6	23	8	6	23	9	0	23	9	6		
7	27	6	2	27	6	9	27	7	4	7	27	7	11	27	8	6	27	9	1		
8	31	5	4	31	6	0	31	6	8	8	31	7	4	31	8	0	31	8	8		
9	35	4	6	35	5	3	35	6	0	9	35	6	9	35	7	6	35	8	3		
10	39	3	8	39	4	6	39	5	4	10	39	6	2	39	7	0	39	7	10		
11	43	2	10	43	3	2	43	4	8	11	43	5	7	43	6	6	43	7	5		
12	47	2	0	47	3	0	47	4	0	12	47	5	0	47	6	0	47	7	0		
13	51	1	2	51	2	3	51	3	4	13	51	4	5	51	5	6	51	6	7		
14	55	0	4	55	1	6	55	2	8	14	55	3	10	55	5	0	55	6	2		
15	58	11	6	59	0	9	59	2	0	15	59	3	3	59	4	6	59	5	9		
16	62	10	8	63	0	0	63	1	4	16	63	2	8	63	4	0	63	5	4		
17	66	9	10	66	11	3	67	0	8	17	67	2	1	67	3	6	67	4	11		
18	70	9	0	70	10	6	71	0	0	18	71	1	6	71	3	0	71	4	6		
19	74	8	2	74	9	9	74	11	4	19	75	0	11	75	2	6	75	4	1		
20	78	7	4	78	9	0	78	10	8	20	79	0	4	79	2	0	79	3	8		
21	82	6	6	82	8	3	82	10	0	21	82	11	9	83	1	6	83	3	3		
22	86	5	8	86	7	6	86	9	4	22	86	11	2	87	1	0	87	2	10		
23	90	4	10	90	6	9	90	8	8	23	90	10	7	91	0	6	91	2	5		
24	94	4	0	94	6	0	94	8	0	24	94	10	0	95	0	0	95	2	0		
25	98	3	2	98	5	3	98	7	4	25	98	9	5	98	11	6	99	1	7		
26	102	2	4	102	4	6	102	6	8	26	102	8	10	102	11	0	103	1	2		
27	106	1	6	106	3	9	106	6	0	27	106	8	3	106	10	6	107	0	9		
28	110	0	8	110	3	0	110	5	4	28	110	7	8	110	10	0	111	0	4		
29	113	11	10	114	2	3	114	4	8	29	114	7	1	114	9	6	114	11	11		
30	117	11	0	118	1	6	118	4	0	30	118	6	6	118	9	0	118	11	6		
31	121	10	2	122	0	9	122	3	4	31	122	5	11	122	8	6	122	11	1		
32	125	9	4	126	0	0	126	2	8	32	126	5	4	126	8	0	126	10	8		
33	129	8	6	129	11	3	130	2	0	33	130	4	9	130	7	6	130	10	3		
34	133	7	8	133	10	6	134	1	4	34	134	4	2	134	7	0	134	9	10		
35	137	6	10	137	9	9	138	0	8	35	138	3	7	138	6	6	138	9	5		
50	196	6	4	196	10	6	197	2	8	50	197	6	10	197	11	0	198	3	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	3	11	2	0	3	11	3	0	3	11	4	1	0	3	11	5	0	3	11	7
2	0	7	10	4	0	7	10	6	0	7	10	8	2	0	7	11	0	0	7	11	2
3	0	11	9	6	0	11	9	9	0	11	10	0	3	0	11	10	6	0	11	10	9
4	1	3	8	8	1	3	9	0	1	3	9	4	4	1	3	9	8	1	3	10	4
5	1	7	7	10	1	7	8	3	1	7	8	8	5	1	7	9	1	1	7	9	11
6	1	11	7	0	1	11	7	6	1	11	8	0	6	1	11	8	6	1	11	9	6
7	2	3	6	2	2	3	6	9	2	3	7	4	7	2	3	7	11	2	3	8	6
8	2	7	5	4	2	7	6	0	2	7	6	8	8	2	7	7	4	2	7	8	0
9	2	11	4	6	2	11	5	3	2	11	6	0	9	2	11	6	9	2	11	7	6
10	3	3	3	8	3	3	4	6	3	3	5	4	10	3	3	6	2	3	3	7	0
11	3	7	2	10	3	7	3	9	3	7	4	8	11	3	7	5	7	3	7	6	6



Length.	Area 572			Area 573			Area 574			Length.	Area 575			Area 576			Area 577				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	3	11	8	3	11	9	3	11	10	1	3	11	11	4	0	0	4	0	1		
2	7	11	4	7	11	6	7	11	8	2	7	11	10	8	0	0	8	0	2		
3	11	11	0	11	11	3	11	11	6	3	11	11	9	12	0	0	12	0	3		
4	15	10	8	15	11	0	15	11	4	4	15	11	8	16	0	0	16	0	4		
5	19	10	4	19	10	9	19	11	2	5	19	11	7	20	0	0	20	0	5		
6	23	10	0	23	10	6	23	11	0	6	23	11	6	24	0	0	24	0	6		
7	27	9	8	27	10	3	27	10	10	7	27	11	5	28	0	0	28	0	7		
8	31	9	4	31	10	0	31	10	8	8	31	11	4	32	0	0	32	0	8		
9	35	9	0	35	9	9	35	10	6	9	35	11	3	36	0	0	36	0	9		
10	39	8	8	39	9	6	39	10	4	10	39	11	2	40	0	0	40	0	10		
11	43	8	4	43	9	3	43	10	2	11	43	11	1	44	0	0	44	0	11		
12	47	8	0	47	9	0	47	10	0	12	47	11	0	48	0	0	48	1	0		
13	51	7	8	51	8	9	51	9	10	13	51	10	11	52	0	0	52	1	1		
14	55	7	4	55	8	6	55	9	8	14	55	10	10	56	0	0	56	1	2		
15	59	7	0	59	8	3	59	9	6	15	59	10	9	60	0	0	60	1	3		
16	63	6	8	63	8	0	63	9	4	16	63	10	8	64	0	0	64	1	4		
17	67	6	4	67	7	9	67	9	2	17	67	10	7	68	0	0	68	1	5		
18	71	6	0	71	7	6	71	9	0	18	71	10	6	72	0	0	72	1	6		
19	75	5	8	75	7	3	75	8	10	19	75	10	5	76	0	0	76	1	7		
20	79	5	4	79	7	0	79	8	8	20	79	10	4	80	0	0	80	1	8		
21	83	5	0	83	6	9	83	8	6	21	83	10	3	84	0	0	84	1	9		
22	87	4	8	87	6	6	87	8	4	22	87	10	2	88	0	0	88	1	10		
23	91	4	4	91	6	3	91	8	2	23	91	10	1	92	0	0	92	1	11		
24	95	4	0	95	6	0	95	8	0	24	95	10	0	96	0	0	96	2	0		
25	99	3	8	99	5	9	99	7	10	25	99	9	11	100	0	0	100	2	1		
26	103	3	4	103	5	6	103	7	8	26	103	9	10	104	0	0	104	2	2		
27	107	3	0	107	5	3	107	7	6	27	107	9	9	108	0	0	108	2	3		
28	111	2	8	111	5	0	111	7	4	28	111	9	8	112	0	0	112	2	4		
29	115	2	4	115	4	9	115	7	2	29	115	9	7	116	0	0	116	2	5		
30	119	2	0	119	4	6	119	7	0	30	119	9	6	120	0	0	120	2	6		
31	123	1	8	123	4	3	123	6	10	31	123	9	5	124	0	0	124	2	7		
32	127	1	4	127	4	0	127	6	8	32	127	9	4	128	0	0	128	2	8		
33	131	1	0	131	3	9	131	6	6	33	131	9	3	132	0	0	132	2	9		
34	135	0	8	135	3	6	135	6	4	34	135	9	2	136	0	0	136	2	10		
35	139	0	4	139	3	3	139	6	2	35	139	9	1	140	0	0	140	2	11		
50	198	7	4	198	11	6	199	3	8	50	199	7	10	200	0	0	200	4	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	3	11	8	0	3	11	9	0	3	11	10	1	0	3	11	11	0	4	0	1
2	0	7	11	4	0	7	11	6	0	7	11	8	2	0	7	11	10	0	8	0	2
3	0	11	11	0	0	11	11	3	0	11	11	6	3	0	11	11	9	1	0	0	3
4	1	3	10	8	1	3	11	0	1	3	11	4	4	1	3	11	8	1	4	0	4
5	1	7	10	4	1	7	10	9	1	7	11	2	5	1	7	11	7	1	8	0	5
6	1	11	10	0	1	11	10	6	1	11	11	0	6	1	11	11	6	2	0	0	6
7	2	3	9	8	2	3	10	3	2	3	10	10	7	2	3	11	5	2	4	0	7
8	2	7	9	4	2	7	10	0	2	7	10	8	8	2	7	11	4	2	8	0	8
9	2	11	9	0	2	11	9	9	2	11	10	6	9	3	11	11	3	3	0	0	9
10	3	3	8	8	3	3	9	6	3	3	10	4	10	3	3	11	2	3	4	0	10
11	3	7	8	4	3	7	9	3	3	7	10	2	11	3	7	11	1	3	8	0	11



Length.	Area 578			Area 579			Area 580			Length.	Area 581			Area 582			Area 583				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	0	2	4	0	3	4	0	4	1	4	0	5	4	0	6	4	0	7		
2	8	0	4	8	0	6	8	0	8	2	8	0	10	8	1	0	8	1	2		
3	12	0	6	12	0	9	12	1	0	3	12	1	3	12	1	6	12	1	9		
4	16	0	8	16	1	0	16	1	4	4	16	1	8	16	2	0	16	2	4		
5	20	0	10	20	1	3	20	1	8	5	20	2	1	20	2	6	20	2	11		
6	24	1	0	24	1	6	24	2	0	6	24	2	6	24	3	0	24	3	6		
7	28	1	2	28	1	9	28	2	4	7	28	2	11	28	3	6	28	4	1		
8	32	1	4	32	2	0	32	2	8	8	32	3	4	32	4	0	32	4	8		
9	36	1	6	36	2	3	36	3	0	9	36	3	9	36	4	6	36	5	3		
10	40	1	8	40	2	6	40	3	4	10	40	4	2	40	5	0	40	5	10		
11	44	1	10	44	2	9	44	3	8	11	44	4	7	44	5	6	44	6	5		
12	48	2	0	48	3	0	48	4	0	12	48	5	0	48	6	0	48	7	0		
13	52	2	2	52	3	3	52	4	4	13	52	5	5	52	6	6	52	7	7		
14	56	2	4	56	3	6	56	4	8	14	56	5	10	56	7	0	56	8	2		
15	60	2	6	60	3	9	60	5	0	15	60	6	3	60	7	6	60	8	9		
16	64	2	8	64	4	0	64	5	4	16	64	6	8	64	8	0	64	9	4		
17	68	2	10	68	4	3	68	5	8	17	68	7	1	68	8	6	68	9	11		
18	72	3	0	72	4	6	72	6	0	18	72	7	6	72	9	0	72	10	6		
19	76	3	2	76	4	9	76	6	4	19	76	7	11	76	9	6	76	11	1		
20	80	3	4	80	5	0	80	6	8	20	80	8	4	80	10	0	80	11	8		
21	84	3	6	84	5	3	84	7	0	21	84	8	9	84	10	6	85	0	3		
22	88	3	8	88	5	6	88	7	4	22	88	9	2	88	11	0	89	0	10		
23	92	3	10	92	5	9	92	7	8	23	92	9	7	92	11	6	93	1	5		
24	96	4	0	96	6	0	96	8	0	24	96	10	0	97	0	0	97	2	0		
25	100	4	2	100	6	3	100	8	4	25	100	10	5	101	0	6	101	2	7		
26	104	4	4	104	6	6	104	8	8	26	104	10	10	105	1	0	105	3	2		
27	108	4	6	108	6	9	108	9	0	27	108	11	3	109	1	6	109	3	9		
28	112	4	8	112	7	0	112	9	4	28	112	11	8	113	2	0	113	4	4		
29	116	4	10	116	7	3	116	9	8	29	117	0	1	117	2	6	117	4	11		
30	120	5	0	120	7	6	120	10	0	30	121	0	6	121	3	0	121	5	6		
31	124	5	2	124	7	9	124	10	4	31	125	0	11	125	3	6	125	6	1		
32	128	5	4	128	8	0	128	10	8	32	129	1	4	129	4	0	129	6	8		
33	132	5	6	132	8	3	132	11	0	33	133	1	9	133	4	6	133	7	3		
34	136	5	8	136	8	6	136	11	4	34	137	2	2	137	5	0	137	7	10		
35	140	5	10	140	8	9	140	11	8	35	141	2	7	141	5	6	141	8	5		
50	200	8	4	201	0	6	201	4	8	50	201	8	10	202	1	0	202	5	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	0	2	0	4	0	3	0	4	0	4	1	0	4	0	6	0	4	0	7
2	0	8	0	4	0	8	0	6	0	8	0	8	2	0	8	1	0	0	8	1	2
3	1	0	0	6	1	0	0	9	1	0	1	0	3	1	0	1	6	1	0	1	9
4	1	4	0	8	1	4	1	0	1	4	1	4	7	1	4	2	0	1	4	2	4
5	1	8	0	10	1	8	1	3	1	8	1	8	11	1	8	2	6	1	8	2	11
6	2	0	1	0	2	0	1	6	2	0	2	0	2	2	0	3	0	2	0	3	6
7	2	4	1	2	2	4	1	9	2	4	2	4	11	2	4	3	6	2	4	4	1
8	2	8	1	4	2	8	2	0	2	8	2	8	13	2	8	4	0	2	8	4	8
9	3	0	1	6	3	0	2	3	3	0	3	0	3	3	0	4	6	3	0	5	3
10	3	4	1	8	3	4	2	6	3	4	2	3	4	3	4	5	0	3	4	5	10
11	3	8	1	10	3	8	2	9	3	8	3	8	7	3	8	5	6	3	8	6	5

Length.	Area 584			Area 585			Area 586			Length.	Area 587			Area 588			Area 589				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	0	8	4	0	9	4	0	10	1	4	0	11	4	1	0	4	1	1		
2	8	1	4	8	1	6	8	1	8	2	8	1	10	8	2	0	8	2	2		
3	12	2	0	12	2	3	12	2	6	3	12	2	9	12	3	0	12	3	3		
4	16	2	8	16	3	0	16	3	4	4	16	3	8	16	4	0	16	4	4		
5	20	3	4	20	3	9	20	4	2	5	20	4	7	20	5	0	20	5	5		
6	24	4	0	24	4	6	24	5	0	6	24	5	6	24	6	0	24	6	6		
7	28	4	8	28	5	3	28	5	10	7	28	6	5	28	7	0	28	7	7		
8	32	5	4	32	6	0	32	6	8	8	32	7	4	32	8	0	32	8	8		
9	36	6	0	36	6	9	36	7	6	9	36	8	3	36	9	0	36	9	9		
10	40	6	8	40	7	6	40	8	4	10	40	9	2	40	10	0	40	10	10		
11	44	7	4	44	8	3	44	9	2	11	44	10	1	44	11	0	44	11	11		
12	48	8	0	48	9	0	48	10	0	12	48	11	0	49	0	0	49	1	0		
13	52	8	8	52	9	9	52	10	10	13	52	11	11	53	1	0	53	2	1		
14	56	9	4	56	10	6	56	11	8	14	57	0	10	57	2	0	57	3	2		
15	60	10	0	60	11	3	61	0	6	15	61	1	9	61	3	0	61	4	3		
16	64	10	8	65	0	0	65	1	4	16	65	2	8	65	4	0	65	5	4		
17	68	11	4	69	0	9	69	2	2	17	69	3	7	69	5	0	69	6	5		
18	73	0	0	73	1	6	73	3	0	18	73	4	6	73	6	0	73	7	6		
19	77	0	8	77	2	3	77	3	10	19	77	5	5	77	7	0	77	8	7		
20	81	1	4	81	3	0	81	4	8	20	81	6	4	81	8	0	81	9	8		
21	85	2	0	85	3	9	85	5	6	21	85	7	3	85	9	0	85	10	9		
22	89	2	8	89	4	6	89	6	4	22	89	8	2	89	10	0	89	11	10		
23	93	3	4	93	5	3	93	7	2	23	93	9	1	93	11	0	94	0	11		
24	97	4	0	97	6	0	97	8	0	24	97	10	0	98	0	0	98	2	0		
25	101	4	8	101	6	9	101	8	10	25	101	10	11	102	1	0	102	3	1		
26	105	5	4	105	7	6	105	9	8	26	105	11	10	106	2	0	106	4	2		
27	109	6	0	109	8	3	109	10	6	27	110	0	9	110	3	0	110	5	3		
28	113	6	8	113	9	0	113	11	4	28	114	1	8	114	4	0	114	6	4		
29	117	7	4	117	9	9	118	0	2	29	118	2	7	118	5	0	118	7	5		
30	121	8	0	121	10	6	122	1	0	30	122	3	6	122	6	0	122	8	6		
31	125	8	8	125	11	3	126	1	10	31	126	4	5	126	7	0	126	9	7		
32	129	9	4	130	0	0	130	2	8	32	130	5	4	130	8	0	130	10	8		
33	133	10	0	134	0	9	134	3	6	33	134	6	3	134	9	0	134	11	9		
34	137	10	8	138	1	6	138	4	4	34	138	7	2	138	10	0	139	0	10		
35	141	11	4	142	2	3	142	5	2	35	142	8	1	142	11	0	143	1	11		
50	202	9	4	203	1	6	203	5	8	50	203	9	10	204	2	0	204	6	2		
In.	F.	I.	P.	s.	F.	I.	P.	s.	F.	I.	P.	s.	In.	F.	I.	P.	s.	F.	I.	P.	s.
1	0	4	0	8	0	4	0	9	0	4	0	10	1	0	4	0	11	0	4	1	1
2	0	8	1	4	0	8	1	6	0	8	1	8	2	0	8	2	0	0	8	2	2
3	1	0	2	0	1	0	2	3	1	0	2	6	3	1	0	3	0	1	0	3	3
4	1	4	2	8	1	4	3	0	1	4	3	4	4	1	4	4	0	1	4	4	4
5	1	8	3	4	1	8	3	9	1	8	4	2	5	1	8	4	7	1	8	5	5
6	2	0	4	0	2	0	4	6	2	0	5	0	6	2	0	5	6	2	0	6	6
7	2	4	4	8	2	4	5	3	2	4	5	10	7	2	4	6	5	2	4	7	7
8	2	8	5	4	2	8	6	0	2	8	6	8	8	2	8	7	4	2	8	8	8
9	3	0	6	0	3	0	6	9	3	0	7	6	9	3	0	8	3	3	0	9	9
10	3	4	6	8	3	4	7	6	3	4	8	4	10	3	4	9	2	3	4	10	10
11	3	8	7	4	3	8	8	3	3	8	9	2	11	3	8	11	0	3	8	11	11

Length.	Area 590			Area 591			Area 592			Length.	Area 593			Area 594			Area 595				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	1	2	4	1	3	4	1	4	1	4	1	5	4	1	6	4	1	7		
2	8	2	4	8	2	6	8	2	8	2	8	2	10	8	3	0	8	3	2		
3	12	3	6	12	3	9	12	4	0	3	12	4	3	12	4	6	12	4	9		
4	16	4	8	16	5	0	16	5	4	4	16	5	8	16	6	0	16	6	4		
5	20	5	10	20	6	3	20	6	8	5	20	7	1	20	7	6	20	7	11		
6	24	7	0	24	7	6	24	8	0	6	24	8	6	24	9	0	24	9	6		
7	28	8	2	28	8	9	28	9	4	7	28	9	11	28	10	6	28	11	1		
8	32	9	4	32	10	0	32	10	8	8	32	11	4	33	0	0	33	0	8		
9	36	10	6	36	11	3	37	0	0	9	37	0	9	37	1	6	37	2	3		
10	40	11	8	41	0	6	41	1	4	10	41	2	2	41	3	0	41	3	10		
11	45	0	10	45	1	9	45	2	8	11	45	3	7	45	4	6	45	5	5		
12	49	2	0	49	3	0	49	4	0	12	49	5	0	49	6	0	49	7	0		
13	53	3	2	53	4	3	53	5	4	13	53	6	5	53	7	6	53	8	7		
14	57	4	4	57	5	6	57	6	8	14	57	7	10	57	9	0	57	10	2		
15	61	5	6	61	6	9	61	8	0	15	61	9	3	61	10	6	61	11	9		
16	65	6	8	65	8	0	65	9	4	16	65	10	8	66	0	0	66	1	4		
17	69	7	10	69	9	3	69	10	8	17	70	0	1	70	1	6	70	2	11		
18	73	9	0	73	10	6	74	0	0	18	74	1	6	74	3	0	74	4	6		
19	77	10	2	77	11	9	78	1	4	19	78	2	11	78	4	6	78	6	1		
20	81	11	4	82	1	0	82	2	8	20	82	4	4	82	6	0	82	7	8		
21	86	0	6	86	2	3	86	4	0	21	86	5	9	86	7	6	86	9	3		
22	90	1	8	90	3	6	90	5	4	22	90	7	2	90	9	0	90	10	10		
23	94	2	10	94	4	9	94	6	8	23	94	8	7	94	10	6	95	0	5		
24	98	4	0	98	6	0	98	8	0	24	98	10	0	99	0	0	99	2	0		
25	102	5	2	102	7	3	102	9	4	25	102	11	5	103	1	6	103	3	7		
26	106	6	4	106	8	6	106	10	8	26	107	0	10	107	3	0	107	5	2		
27	110	7	6	110	9	9	111	0	0	27	111	2	3	111	4	6	111	6	9		
28	114	8	8	114	11	0	115	1	4	28	115	3	8	115	6	0	115	8	4		
29	118	9	10	119	0	3	119	2	8	29	119	5	1	119	7	6	119	9	11		
30	122	11	0	123	1	6	123	4	0	30	123	6	6	123	9	0	123	11	6		
31	127	0	2	127	2	9	127	5	4	31	127	7	11	127	10	6	128	1	1		
32	131	1	4	131	4	0	131	6	8	32	131	9	4	132	0	0	132	2	8		
33	135	2	6	135	5	3	135	8	0	33	135	10	9	136	1	6	136	4	3		
34	139	3	8	139	6	6	139	9	4	34	140	0	2	140	3	0	140	5	10		
35	143	4	10	143	7	9	143	10	8	35	144	1	7	144	4	6	144	7	5		
50	204	10	4	205	2	6	205	6	8	50	205	10	10	206	3	0	206	7	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	1	2	0	4	1	3	0	4	1	4	1	0	4	1	6	0	4	1	7
2	0	8	2	4	0	8	2	6	0	8	2	8	2	0	8	3	0	0	8	3	2
3	1	0	3	6	1	0	3	9	1	0	4	0	3	1	0	4	6	1	0	4	9
4	1	4	4	8	1	4	5	0	1	4	5	4	4	1	4	6	0	1	4	6	4
5	1	8	5	10	1	8	6	3	1	8	6	8	5	1	8	7	6	1	8	7	11
6	2	0	7	0	2	0	7	6	2	0	8	0	6	2	0	9	0	2	0	9	6
7	2	4	8	2	2	4	8	9	2	4	9	4	7	2	4	10	6	2	4	11	1
8	2	8	9	4	2	8	10	0	2	8	10	8	8	2	8	11	4	2	9	0	8
9	3	0	10	6	3	0	11	3	3	1	0	0	9	3	1	1	6	3	1	2	3
10	3	4	11	8	3	5	0	6	3	5	1	4	10	3	5	3	0	3	5	3	10
11	3	9	0	10	3	9	1	9	3	9	2	8	11	3	9	4	6	3	9	5	5



Length.	Area 596			Area 597			Area 598			Length.	Area 599			Area 600			Area 601				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	1	8	4	1	9	4	1	10	1	4	1	11	4	2	0	4	2	1		
2	8	3	4	8	3	6	8	3	8	2	8	3	10	8	4	0	8	4	2		
3	12	5	0	12	5	3	12	5	6	3	12	5	9	12	6	0	12	6	3		
4	16	6	8	16	7	0	16	7	4	4	16	7	8	16	8	0	16	8	4		
5	20	8	4	20	8	9	20	9	2	5	20	9	7	20	10	0	20	10	5		
6	24	10	0	24	10	6	24	11	0	6	24	11	6	25	0	0	25	0	6		
7	28	11	8	29	0	3	29	0	10	7	29	1	5	29	2	0	29	2	7		
8	33	1	4	33	2	0	33	2	8	8	33	3	4	33	4	0	33	4	8		
9	37	3	0	37	3	9	37	4	6	9	37	5	3	37	6	0	37	6	9		
10	41	4	8	41	5	6	41	6	4	10	41	7	2	41	8	0	41	8	10		
11	45	6	4	45	7	3	45	8	2	11	45	9	1	45	10	0	45	10	11		
12	49	8	0	49	9	0	49	10	0	12	49	11	0	50	0	0	50	1	0		
13	53	9	8	53	10	9	53	11	10	13	54	0	11	54	2	0	54	3	1		
14	57	11	4	58	0	6	58	1	8	14	58	2	10	58	4	0	58	5	2		
15	62	1	0	62	2	3	62	3	6	15	62	4	9	62	6	0	62	7	3		
16	66	2	8	66	4	0	66	5	4	16	66	6	8	66	8	0	66	9	4		
17	70	4	4	70	5	9	70	7	2	17	70	8	7	70	10	0	70	11	5		
18	74	6	0	74	7	6	74	9	0	18	74	10	6	75	0	0	75	1	6		
19	78	7	8	78	9	3	78	10	10	19	79	0	5	79	2	0	79	3	7		
20	82	9	4	82	11	0	83	0	8	20	83	2	4	83	4	0	83	5	8		
21	86	11	0	87	0	9	87	2	6	21	87	4	3	87	6	0	87	7	9		
22	91	0	8	91	2	6	91	4	4	22	91	6	2	91	8	0	91	9	10		
23	95	2	4	95	4	3	95	6	2	23	95	8	1	95	10	0	95	11	11		
24	99	4	0	99	6	0	99	8	0	24	99	10	0	100	0	0	100	2	0		
25	103	5	8	103	7	9	103	9	10	25	103	11	11	104	2	0	104	4	1		
26	107	7	4	107	9	6	107	11	8	26	108	1	10	108	4	0	108	6	2		
27	111	9	0	111	11	3	112	1	6	27	112	3	9	112	6	0	112	8	3		
28	115	10	8	116	1	0	116	3	4	28	116	5	8	116	8	0	116	10	4		
29	120	0	4	120	2	9	120	5	2	29	120	7	7	120	10	0	121	0	5		
30	124	2	0	124	4	6	124	7	0	30	124	9	6	125	0	0	125	2	6		
31	128	3	8	128	6	3	128	8	10	31	128	11	5	129	2	0	129	4	7		
32	132	5	4	132	8	0	132	10	8	32	133	1	4	133	4	0	133	6	8		
33	136	7	0	136	9	9	137	0	6	33	137	3	3	137	6	0	137	8	9		
34	140	8	8	140	11	6	141	2	4	34	141	5	2	141	8	0	141	10	10		
35	144	10	4	145	1	3	145	4	2	35	145	7	1	145	10	0	146	0	11		
50	206	11	4	207	3	6	207	7	8	50	207	11	10	208	4	0	208	8	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	4	1	8	0	4	1	9	0	4	1	10	1	0	4	1	11	0	4	2	1
2	0	8	3	4	0	8	3	6	0	8	3	8	2	0	8	3	10	0	8	4	2
3	1	0	5	0	1	0	5	3	1	0	5	6	3	1	0	5	9	1	0	6	3
4	1	4	6	8	1	4	7	0	1	4	7	4	4	1	4	7	8	1	4	8	4
5	1	8	8	4	1	8	8	9	1	8	9	2	5	1	8	9	7	1	8	10	5
6	2	0	10	0	2	0	10	6	2	0	11	0	6	2	0	11	6	2	1	0	6
7	2	4	11	8	2	5	0	3	2	5	0	10	7	2	5	1	5	2	2	5	2
8	2	9	1	4	2	9	2	0	2	9	2	8	8	2	9	3	4	2	9	4	8
9	3	1	3	0	3	1	3	9	3	1	4	6	9	3	1	5	3	3	1	6	9
10	3	5	4	8	3	5	5	6	3	5	6	4	10	3	5	7	2	3	5	8	10
11	3	9	6	4	3	9	7	3	3	9	8	2	11	3	9	9	1	3	9	10	11



Length.	Area 602			Area 603			Area 604			Length.	Area 605			Area 606			Area 607			
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	
1	4	2	2	4	2	3	4	2	4	1	4	2	5	4	2	6	4	2	7	
2	8	4	4	8	4	6	8	4	8	2	8	4	10	8	5	0	8	5	2	
3	12	6	6	12	6	9	12	7	0	3	12	7	3	12	7	6	12	7	9	
4	16	8	8	16	9	0	16	9	4	4	16	9	8	16	10	0	16	10	4	
5	20	10	10	20	11	3	20	11	8	5	21	0	1	21	0	6	21	0	11	
6	25	1	0	25	1	6	25	2	0	6	25	2	6	25	3	0	25	3	6	
7	29	3	2	29	3	9	29	4	4	7	29	4	11	29	5	6	29	6	1	
8	33	5	4	33	6	0	33	6	8	8	33	7	4	33	8	0	33	8	8	
9	37	7	6	37	8	3	37	9	0	9	37	9	9	37	10	6	37	11	3	
10	41	9	8	41	10	6	41	11	4	10	42	0	2	42	1	0	42	1	10	
11	45	11	10	46	0	9	46	1	8	11	46	2	7	46	3	6	46	4	5	
12	50	2	0	50	3	0	50	4	0	12	50	5	0	50	6	0	50	7	0	
13	54	4	2	54	5	3	54	6	4	13	54	7	5	54	8	6	54	9	7	
14	58	6	4	58	7	6	58	8	8	14	58	9	10	58	11	0	59	0	2	
15	62	8	6	62	9	9	62	11	0	15	63	0	3	63	1	6	63	2	9	
16	66	10	8	67	0	0	67	1	4	16	67	2	8	67	4	0	67	5	4	
17	71	0	10	71	2	3	71	3	8	17	71	5	1	71	6	5	71	7	11	
18	75	3	0	75	4	6	75	6	0	18	75	7	6	75	9	0	75	10	6	
19	79	5	2	79	6	9	79	8	4	19	79	9	11	79	11	6	80	1	1	
20	83	7	4	83	9	0	83	10	8	20	84	0	4	84	2	0	84	3	8	
21	87	9	6	87	11	3	88	1	0	21	88	2	9	88	4	6	88	6	3	
22	91	11	8	92	1	6	92	3	4	22	92	5	2	92	7	0	92	8	10	
23	96	1	10	96	3	9	96	5	8	23	96	7	7	96	9	6	96	11	5	
24	100	4	0	100	6	0	100	8	0	24	100	10	0	101	0	0	101	2	0	
25	104	6	2	104	8	3	104	10	4	25	105	0	5	105	2	6	105	4	7	
26	108	8	4	108	10	6	109	0	8	26	109	2	10	109	5	0	109	7	2	
27	112	10	6	113	0	9	113	3	0	27	113	5	3	113	7	6	113	9	9	
28	117	0	8	117	3	0	117	5	4	28	117	7	8	117	10	0	118	0	4	
29	121	2	10	121	5	3	121	7	8	29	121	10	1	122	0	6	122	2	11	
30	125	5	0	125	7	6	125	10	0	30	126	0	6	126	3	0	126	5	6	
31	129	7	2	129	9	9	130	0	4	31	130	2	11	130	5	6	130	8	1	
32	133	9	4	134	0	0	134	2	8	32	134	5	4	134	8	0	134	10	8	
33	137	11	6	138	2	3	138	5	0	33	138	7	9	138	10	6	139	1	3	
34	142	1	8	142	4	6	142	7	4	34	142	10	2	143	1	0	143	3	10	
35	146	3	10	146	6	9	146	9	8	35	147	0	7	147	3	6	147	6	5	
50	209	0	4	209	4	6	209	8	8	50	210	0	10	210	5	0	210	9	2	
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	4	2	20	0	4	2	30	0	4	2	40	0	4	2	60	0	4	2	70
2	0	8	4	40	0	8	4	60	0	8	4	80	0	8	5	00	0	8	5	20
3	1	0	6	61	0	6	9	91	0	7	0	70	1	0	7	61	0	7	90	
4	1	4	8	81	1	4	9	01	1	4	9	40	1	4	10	01	1	4	10	40
5	1	8	10	101	1	8	11	31	1	8	11	80	1	9	0	61	1	9	0	110
6	2	1	1	02	2	1	1	62	1	2	0	20	2	1	3	02	2	1	3	60
7	2	5	3	22	2	5	3	92	2	5	4	40	2	5	5	62	5	6	1	0
8	2	9	5	42	2	9	6	02	2	9	6	80	2	9	7	02	2	9	8	80
9	3	1	7	63	3	1	8	33	3	1	9	00	3	1	10	63	3	11	30	
10	3	5	9	83	3	5	10	63	3	5	11	40	3	6	0	83	6	1	10	0
11	3	9	11	103	3	10	0	93	3	10	1	80	3	10	2	93	10	3	6	50

Length.	Area 608			Area 609			Area 610			Length.	Area 611			Area 612			Area 613				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	2	8	4	2	9	4	2	10	1	4	2	11	4	3	0	4	3	1		
2	8	5	4	8	5	6	8	5	8	2	8	5	10	8	6	0	8	6	2		
3	12	8	0	12	8	3	12	8	6	3	12	8	9	12	9	0	12	9	3		
4	16	10	8	16	11	0	16	11	4	4	16	11	8	17	0	0	17	0	4		
5	21	1	4	21	1	9	21	2	2	5	21	2	7	21	3	0	21	3	5		
6	25	4	0	25	4	6	25	5	0	6	25	5	6	25	6	0	25	6	6		
7	29	6	8	29	7	3	29	7	10	7	29	8	5	29	9	0	29	9	7		
8	33	9	4	33	10	0	33	10	8	8	33	11	4	34	0	0	34	0	8		
9	38	0	0	38	0	9	38	1	6	9	38	2	3	38	3	0	38	3	9		
10	42	2	8	42	3	6	42	4	4	10	42	5	2	42	6	0	42	6	10		
11	46	5	4	46	6	3	46	7	2	11	46	8	1	46	9	0	46	9	11		
12	50	8	0	50	9	0	50	10	0	12	50	11	0	51	0	0	51	1	0		
13	54	10	8	54	11	9	55	0	10	13	55	1	11	55	3	0	55	4	1		
14	59	1	4	59	2	6	59	3	8	14	59	4	10	59	6	0	59	7	2		
15	63	4	0	63	5	3	63	6	6	15	63	7	9	63	9	0	63	10	3		
16	67	6	8	67	8	0	67	9	4	16	67	10	8	68	0	0	68	1	4		
17	71	9	4	71	10	9	72	0	2	17	72	1	7	72	3	0	72	4	5		
18	76	0	0	76	1	6	76	3	0	18	76	4	6	76	6	0	76	7	6		
19	80	2	8	80	4	3	80	5	10	19	80	7	5	80	9	0	80	10	7		
20	84	5	4	84	7	0	84	8	8	20	84	10	4	85	0	0	85	1	8		
21	88	8	0	88	9	9	88	11	6	21	89	1	3	89	3	0	89	4	9		
22	92	10	8	93	0	6	93	2	4	22	93	4	2	93	6	0	93	7	10		
23	97	1	4	97	3	3	97	5	2	23	97	7	1	97	9	0	97	10	11		
24	101	4	0	101	6	0	101	8	0	24	101	10	0	102	0	0	102	2	0		
25	105	6	8	105	8	9	105	10	10	25	106	0	11	106	3	0	106	5	1		
26	109	9	4	109	11	6	110	1	8	26	110	3	10	110	6	0	110	8	2		
27	114	0	0	114	2	3	114	4	6	27	114	6	9	114	9	0	114	11	3		
28	118	2	8	118	5	0	118	7	4	28	118	9	8	119	0	0	119	2	4		
29	122	5	4	122	7	9	122	10	2	29	123	0	7	123	3	0	123	5	5		
30	126	8	0	126	10	6	127	1	0	30	127	3	6	127	6	0	127	8	6		
31	130	10	8	131	1	3	131	3	10	31	131	6	5	131	9	0	131	11	7		
32	135	1	4	135	4	0	135	6	8	32	135	9	4	136	0	0	136	2	8		
33	139	4	0	139	6	9	139	9	6	33	140	0	3	140	3	0	140	5	9		
34	143	6	8	143	9	6	144	0	4	34	144	3	2	144	6	0	144	8	10		
35	147	9	4	148	0	3	148	3	2	35	148	6	1	148	9	0	148	11	11		
50	211	1	4	211	5	6	211	9	8	50	212	1	10	212	6	0	212	10	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	4	2	8	0	4	2	9	0	4	2	10	1	0	4	2	11	0	4	3	1
2	0	8	5	4	0	8	5	6	0	8	5	8	2	0	8	5	10	0	8	6	2
3	1	0	8	0	1	0	8	3	1	0	8	6	3	1	0	8	9	1	0	9	3
4	1	4	10	8	1	4	11	0	1	4	11	4	4	1	4	11	8	1	5	0	4
5	1	9	1	4	1	9	1	9	1	9	2	2	5	1	9	2	7	1	9	3	5
6	2	1	4	0	2	1	4	6	2	1	5	0	6	2	1	5	6	2	1	6	6
7	2	5	6	8	2	5	7	3	2	5	7	10	7	2	5	8	5	2	5	9	7
8	2	9	9	4	2	9	10	0	2	9	10	8	8	2	9	11	4	2	10	0	8
9	3	2	0	0	3	2	0	9	3	2	1	6	9	3	2	2	3	3	2	3	9
10	3	6	2	8	3	6	3	6	3	6	4	4	10	3	6	5	2	3	6	6	10
11	3	10	5	4	3	10	6	3	3	10	7	2	11	3	10	8	1	3	10	9	11

Length.	Area 614			Area 615			Area 616			Length.	Area 617			Area 618			Area 619				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	3	2	4	3	3	4	3	4	1	4	3	5	4	3	6	4	3	7		
2	8	6	4	8	6	6	8	6	8	2	8	6	10	8	7	0	8	7	2		
3	12	9	6	12	9	9	12	10	0	3	12	10	3	12	10	6	12	10	9		
4	17	0	8	17	1	0	17	1	4	4	17	1	8	17	2	0	17	2	4		
5	21	3	10	21	4	3	21	4	8	5	21	5	1	21	5	6	21	5	11		
6	25	7	0	25	7	6	25	8	0	6	25	8	6	25	9	0	25	9	6		
7	29	10	2	29	10	9	29	11	4	7	29	11	11	30	0	6	30	1	1		
8	34	1	4	34	2	0	34	2	8	8	34	3	4	34	4	0	34	4	8		
9	38	4	6	38	5	3	38	6	0	9	38	6	9	38	7	6	38	8	3		
10	42	7	8	42	8	6	42	9	4	10	42	10	2	42	11	0	42	11	10		
11	46	10	10	46	11	9	47	0	8	11	47	1	7	47	2	6	47	3	5		
12	51	2	0	51	3	0	51	4	0	12	51	5	0	51	6	0	51	7	0		
13	55	5	2	55	6	3	55	7	4	13	55	8	5	55	9	6	55	10	7		
14	59	8	4	59	9	6	59	10	8	14	59	11	10	60	1	0	60	2	2		
15	63	11	6	64	0	9	64	2	0	15	64	3	3	64	4	6	64	5	9		
16	68	2	8	68	4	0	68	5	4	16	68	6	8	68	8	0	68	9	4		
17	72	5	10	72	7	3	72	8	8	17	72	10	1	72	11	6	73	0	11		
18	76	9	0	76	10	6	77	0	0	18	77	1	6	77	3	0	77	4	6		
19	81	0	2	81	1	9	81	3	4	19	81	4	11	81	6	6	81	8	1		
20	85	3	4	85	5	0	85	6	8	20	85	8	4	85	10	0	85	11	8		
21	89	6	6	89	8	3	89	10	0	21	89	11	9	90	1	6	90	3	3		
22	93	9	8	93	11	6	94	1	4	22	94	3	2	94	5	0	94	6	10		
23	98	0	10	98	2	9	98	4	8	23	98	6	7	98	8	6	98	10	5		
24	102	4	0	102	6	0	102	8	0	24	102	10	0	103	0	0	103	2	0		
25	106	7	2	106	9	3	106	11	4	25	107	1	5	107	3	6	107	5	7		
26	110	10	4	111	0	6	111	2	8	26	111	4	10	111	7	0	111	9	2		
27	115	1	6	115	3	9	115	6	0	27	115	8	3	115	10	6	116	0	9		
28	119	4	8	119	7	0	119	9	4	28	119	11	8	120	2	0	120	4	4		
29	123	7	10	123	10	3	124	0	8	29	124	3	1	124	5	6	124	7	11		
30	127	11	0	128	1	6	128	4	0	30	128	6	6	128	9	0	128	11	6		
31	132	2	2	132	4	9	132	7	4	31	132	9	11	133	0	6	133	3	1		
32	136	5	4	136	8	0	136	10	8	32	137	1	4	137	4	0	137	6	8		
33	140	8	6	140	11	3	141	2	0	33	141	4	9	141	7	6	141	10	3		
34	144	11	8	145	2	6	145	5	4	34	145	8	2	145	11	0	146	1	10		
35	149	2	10	149	5	9	149	8	8	35	149	11	7	150	2	6	150	5	5		
50	213	2	4	213	6	6	213	10	8	50	214	2	10	214	7	0	214	11	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	3	2	0	4	3	3	0	4	3	4	1	0	4	3	5	0	4	3	7
2	0	8	6	4	0	8	6	6	0	8	6	8	2	0	8	7	0	0	8	7	2
3	1	0	9	6	1	0	9	9	1	0	10	0	3	1	0	10	3	1	0	10	9
4	1	5	0	8	1	5	1	0	1	5	1	4	4	1	5	1	8	1	5	2	4
5	1	9	3	10	1	9	4	3	1	9	4	8	5	1	9	5	1	1	9	5	11
6	2	1	7	0	2	1	7	6	2	1	8	0	6	2	1	8	6	2	1	9	6
7	2	5	10	2	2	5	10	9	2	5	11	4	7	2	5	11	12	6	0	6	2
8	2	10	1	4	2	10	2	0	2	10	2	8	8	2	10	3	4	2	10	4	8
9	3	2	4	6	3	2	5	3	3	2	6	0	9	3	2	6	9	3	2	8	3
10	3	6	7	8	3	6	8	6	3	6	9	4	10	3	6	10	2	3	6	11	10
11	3	10	10	10	3	10	11	9	3	11	0	8	11	3	11	1	7	3	11	2	6

Length.	Area 620	Area 621	Area 622	Length.	Area 623	Area 624	Area 625
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	4 3 8	4 3 9	4 3 10	1	4 3 11	4 4 0	4 4 1
2	8 7 4	8 7 6	8 7 8	2	8 7 10	8 8 0	8 8 2
3	12 11 0	12 11 3	12 11 6	3	12 11 9	13 0 0	13 0 3
4	17 2 8	17 3 0	17 3 4	4	17 3 8	17 4 0	17 4 4
5	21 6 4	21 6 9	21 7 2	5	21 7 7	21 8 0	21 8 5
6	25 10 0	25 10 6	25 11 0	6	25 11 6	26 0 0	26 0 6
7	30 1 8	30 2 3	30 2 10	7	30 3 5	30 4 0	30 4 7
8	34 5 4	34 6 0	34 6 8	8	34 7 4	34 8 0	34 8 8
9	38 9 0	38 9 9	38 10 6	9	38 11 3	39 0 0	39 0 9
10	43 0 8	43 1 6	43 2 4	10	43 3 2	43 4 0	43 4 10
11	47 4 4	47 5 3	47 6 2	11	47 7 1	47 8 0	47 8 11
12	51 8 0	51 9 0	51 10 0	12	51 11 0	52 0 0	52 1 0
13	55 11 8	56 0 9	56 1 10	13	56 2 11	56 4 0	56 5 1
14	60 3 4	60 4 6	60 5 8	14	60 6 10	60 8 0	60 9 2
15	64 7 0	64 8 3	64 9 6	15	64 10 9	65 0 0	65 1 3
16	68 10 8	69 0 0	69 1 4	16	69 2 8	69 4 0	69 5 4
17	73 2 4	73 3 9	73 5 2	17	73 6 7	73 8 0	73 9 5
18	77 6 0	77 7 6	77 9 0	18	77 10 6	78 0 0	78 1 6
19	81 9 8	81 11 3	82 0 10	19	82 2 5	82 4 0	82 5 7
20	86 1 4	86 3 0	86 4 8	20	86 6 4	86 8 0	86 9 8
21	90 5 0	90 6 9	90 8 6	21	90 10 3	91 0 0	91 1 9
22	94 8 8	94 10 6	95 0 4	22	95 2 2	95 4 0	95 5 10
23	99 0 4	99 2 3	99 4 2	23	99 6 1	99 8 0	99 9 11
24	103 4 0	103 6 0	103 8 0	24	103 10 0	104 0 0	104 2 0
25	107 7 8	107 9 9	107 11 10	25	108 1 11	108 4 0	108 6 1
26	111 11 4	112 1 6	112 3 8	26	112 5 10	112 8 0	112 10 2
27	116 3 0	116 5 3	116 7 6	27	116 9 9	117 0 0	117 2 3
28	120 6 8	120 9 0	120 11 4	28	121 1 8	121 4 0	121 6 4
29	124 10 4	125 0 9	125 3 2	29	125 5 7	125 8 0	125 10 5
30	129 2 0	129 4 6	129 7 0	30	129 9 6	130 0 0	130 2 6
31	133 5 8	133 8 3	133 10 10	31	134 1 5	134 4 0	134 6 7
32	137 9 4	138 0 0	138 2 8	32	138 5 4	138 8 0	138 10 8
33	142 1 0	142 3 9	142 6 6	33	142 9 3	143 0 0	143 2 9
34	146 4 8	146 7 6	146 10 4	34	147 1 2	147 4 0	147 6 10
35	150 8 4	150 11 3	151 2 2	35	151 5 1	151 8 0	151 10 11
50	215 3 4	215 7 6	215 11 8	50	216 3 10	216 8 0	217 0 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 4 3 8	0 4 3 9	0 4 3 10	1	0 4 3 11	0 4 4 0	0 4 4 1
2	0 8 7 4	0 8 7 6	0 8 7 8	2	0 8 7 10	0 8 8 0	0 8 8 2
3	1 0 11 0	1 0 11 3	1 0 11 6	3	1 0 11 9	1 1 0 0	1 1 0 3
4	1 5 2 8	1 5 3 0	1 5 3 4	4	1 5 3 8	1 5 4 0	1 5 4 4
5	1 9 6 4	1 9 6 9	1 9 7 2	5	1 9 7 7	1 9 8 0	1 9 8 5
6	2 1 10 0	2 1 10 6	2 1 11 0	6	2 1 11 6	2 2 0 0	2 2 0 6
7	2 6 1 8	2 6 2 3	2 6 2 10	7	2 6 3 5	2 6 4 0	2 6 4 7
8	2 10 5 4	2 10 6 0	2 10 6 8	8	2 10 7 4	2 10 8 0	2 10 8 8
9	3 2 9 0	3 2 9 9	3 2 10 6	9	3 2 11 3	3 3 0 0	3 3 0 9
10	3 7 0 8	3 7 1 6	3 7 2 4	10	3 7 3 2	3 7 4 0	3 7 4 10
11	3 11 4 4	3 11 5 3	3 11 6 2	11	3 11 7 1	3 11 8 0	3 11 8 11



Length.	Area 626			Area 627			Area 628			Length.	Area 629			Area 630			Area 631								
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.						
1	4	4	2	4	4	3	4	4	4	1	4	4	5	4	4	6	4	4	7						
2	8	8	4	8	8	6	8	8	8	2	8	8	10	8	9	0	8	9	2						
3	13	0	6	13	0	9	13	1	0	3	13	1	3	13	1	6	13	1	9						
4	17	4	8	17	5	0	17	5	4	4	17	5	8	17	6	0	17	6	4						
5	21	8	10	21	9	3	21	9	8	5	21	10	1	21	10	6	21	10	11						
6	26	1	0	26	1	6	26	2	0	6	26	2	6	26	3	0	26	3	6						
7	30	5	2	30	5	9	30	6	4	7	30	6	11	30	7	6	30	8	1						
8	34	9	4	34	10	0	34	10	8	8	34	11	4	35	0	0	35	0	8						
9	39	1	6	39	2	3	39	3	0	9	39	3	9	39	4	6	39	5	3						
10	43	5	8	43	6	6	43	7	4	10	43	8	2	43	9	0	43	9	10						
11	47	9	10	47	10	9	47	11	8	11	48	0	7	48	1	6	48	2	5						
12	52	2	0	52	3	0	52	4	0	12	52	5	0	52	6	0	52	7	0						
13	56	6	2	56	7	3	56	8	4	13	56	9	5	56	10	6	56	11	7						
14	60	10	4	60	11	6	61	0	8	14	61	1	10	61	3	0	61	4	2						
15	65	2	6	65	3	9	65	5	0	15	65	6	3	65	7	6	65	8	9						
16	69	6	8	69	8	0	69	9	4	16	69	10	8	70	0	0	70	1	4						
17	73	10	10	74	0	3	74	1	8	17	74	3	1	74	4	6	74	5	11						
18	78	3	0	78	4	6	78	6	0	18	78	7	6	78	9	0	78	10	6						
19	82	7	2	82	8	9	82	10	4	19	82	11	11	83	1	6	83	3	1						
20	86	11	4	87	1	0	87	2	8	20	87	4	4	87	6	0	87	7	8						
21	91	3	6	91	5	3	91	7	0	21	91	8	9	91	10	6	92	0	3						
22	95	7	8	95	9	6	95	11	4	22	96	1	2	96	3	0	96	4	10						
23	99	11	10	100	1	9	100	3	8	23	100	5	7	100	7	6	100	9	5						
24	104	4	0	104	6	0	104	8	0	24	104	10	0	105	0	0	105	2	0						
25	108	8	2	108	10	3	109	0	4	25	109	2	5	109	4	6	109	6	7						
26	113	0	4	113	2	6	113	4	8	26	113	6	10	113	9	0	113	11	2						
27	117	4	6	117	6	9	117	9	0	27	117	11	3	118	1	6	118	3	9						
28	121	8	8	121	11	0	122	1	4	28	122	3	8	122	6	0	122	8	4						
29	126	0	10	126	3	3	126	5	8	29	126	8	1	126	10	6	127	0	11						
30	130	5	0	130	7	6	130	10	0	30	131	0	6	131	3	0	131	5	6						
31	134	9	2	134	11	9	135	2	4	31	135	4	11	135	7	6	135	10	1						
32	139	1	4	139	4	0	139	6	8	32	139	9	4	140	0	0	140	2	8						
33	143	5	6	143	8	3	143	11	0	33	144	1	9	144	4	6	144	7	3						
34	147	9	8	148	0	6	148	3	4	34	148	6	2	148	9	0	148	11	10						
35	152	1	10	152	4	9	152	7	8	35	152	10	7	153	1	6	153	4	5						
50	217	4	4	217	8	6	218	0	8	50	218	4	10	218	9	0	219	1	2						
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.					
1	0	4	4	2	0	4	4	3	0	4	4	4	1	0	4	4	6	0	4	4	7				
2	0	8	8	4	0	8	8	6	0	8	8	8	2	0	8	9	0	0	8	9	2				
3	1	1	0	6	1	1	0	9	1	1	1	0	3	1	1	1	6	1	1	1	9				
4	1	5	4	8	1	5	5	0	1	5	5	4	4	1	5	6	0	1	5	6	4				
5	1	9	8	10	1	9	9	3	1	9	9	8	5	1	9	10	1	1	9	10	11				
6	2	2	1	0	2	2	1	6	2	2	2	0	6	2	2	2	3	0	2	2	3	6			
7	2	6	5	2	2	6	5	9	2	6	6	4	7	2	6	6	11	2	6	7	1				
8	2	10	9	4	2	10	10	0	2	10	10	8	8	2	10	11	4	2	11	0	8				
9	3	3	1	6	3	3	2	3	3	3	3	0	9	3	3	3	9	3	3	5	3				
10	3	7	5	8	3	7	6	6	3	7	7	4	10	3	7	8	2	3	7	9	10				
11	3	11	9	10	3	11	10	9	3	11	11	8	11	4	0	0	7	4	0	1	6	4	0	2	5

Length.	Area 632			Area 633			Area 634			Length.	Area 635			Area 636			Area 637				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	4	8	4	4	9	4	4	10	1	4	4	11	4	5	0	4	5	1		
2	8	9	4	8	9	6	8	9	8	2	8	9	10	8	10	0	8	10	2		
3	13	2	0	13	2	3	13	2	6	3	13	2	9	13	3	0	13	3	3		
4	17	6	8	17	7	0	17	7	4	4	17	7	8	17	8	0	17	8	4		
5	21	11	4	21	11	9	22	0	2	5	22	0	7	22	1	0	22	1	5		
6	26	4	0	26	4	6	26	5	0	6	26	5	6	26	6	0	26	6	6		
7	30	8	8	30	9	3	30	9	10	7	30	10	5	30	11	0	30	11	7		
8	35	1	4	35	2	0	35	2	8	8	35	3	4	35	4	0	35	4	8		
9	39	6	0	39	6	9	39	7	6	9	39	8	3	39	9	0	39	9	9		
10	43	10	8	43	11	6	44	0	4	10	44	1	2	44	2	0	44	2	10		
11	48	3	4	48	4	3	48	5	2	11	48	6	1	48	7	0	48	7	11		
12	52	8	0	52	9	0	52	10	0	12	52	11	0	53	0	0	53	1	0		
13	57	0	8	57	1	9	57	2	10	13	57	3	11	57	5	0	57	6	1		
14	61	5	4	61	6	6	61	7	8	14	61	8	10	61	10	0	61	11	2		
15	65	10	0	65	11	3	66	0	6	15	66	1	9	66	3	0	66	4	3		
16	70	2	8	70	4	0	70	5	4	16	70	6	8	70	8	0	70	9	4		
17	74	7	4	74	8	9	74	10	2	17	74	11	7	75	1	0	75	2	5		
18	79	0	0	79	1	6	79	3	0	18	79	4	6	79	6	0	79	7	6		
19	83	4	8	83	6	3	83	7	10	19	83	9	5	83	11	0	84	0	7		
20	87	9	4	87	11	0	88	0	8	20	88	2	4	88	4	0	88	5	8		
21	92	2	0	92	3	9	92	5	6	21	92	7	3	92	9	0	92	10	9		
22	96	6	8	96	8	6	96	10	4	22	97	0	2	97	2	0	97	3	10		
23	100	11	4	101	1	3	101	3	2	23	101	5	1	101	7	0	101	8	11		
24	105	4	0	105	6	0	105	8	0	24	105	10	0	106	0	0	106	2	0		
25	109	8	8	109	10	9	110	0	10	25	110	2	11	110	5	0	110	7	1		
26	114	1	4	114	3	6	114	5	8	26	114	7	10	114	10	0	115	0	2		
27	118	6	0	118	8	3	118	10	6	27	119	0	9	119	3	0	119	5	3		
28	122	10	8	123	1	0	123	3	4	28	123	5	8	123	8	0	123	10	4		
29	127	3	4	127	5	9	127	8	2	29	127	10	7	128	1	0	128	3	5		
30	131	8	0	131	10	6	132	1	0	30	132	3	6	132	6	0	132	8	6		
31	136	0	8	136	3	3	136	5	10	31	136	8	5	136	11	0	137	1	7		
32	140	5	4	140	8	0	140	10	8	32	141	1	4	141	4	0	141	6	8		
33	144	10	0	145	0	9	145	3	6	33	145	6	3	145	9	0	145	11	9		
34	149	2	8	149	5	6	149	8	4	34	149	11	2	150	2	0	150	4	10		
35	153	7	4	153	10	3	154	1	2	35	154	4	1	154	7	0	154	9	11		
50	219	5	4	219	9	6	220	1	8	50	220	5	10	220	10	0	221	2	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	4	8	0	4	4	9	0	4	4	10	1	0	4	5	0	4	5	1	
2	0	8	9	4	0	8	9	6	0	8	9	8	2	0	8	10	0	8	10	2	
3	1	1	2	0	1	1	2	3	1	1	2	6	3	1	1	3	0	1	1	3	0
4	1	5	6	8	1	5	7	0	1	5	7	4	4	1	5	8	0	1	5	8	4
5	1	9	11	4	1	9	11	9	1	10	0	2	5	1	10	1	0	1	10	1	5
6	2	2	4	0	2	2	4	6	2	2	5	0	6	2	2	5	6	2	2	6	0
7	2	6	8	8	2	6	9	3	2	6	9	10	7	2	6	10	5	2	6	11	7
8	2	11	1	4	2	11	2	0	2	11	2	8	3	2	11	3	4	2	11	4	8
9	3	3	6	0	3	3	6	9	3	3	7	6	9	3	3	8	3	3	9	0	3
10	3	7	10	8	3	7	11	6	3	8	0	4	10	3	8	1	2	3	8	2	10
11	4	0	3	4	4	0	4	3	4	0	5	2	11	4	0	6	1	4	0	7	11

Length.	Area 638			Area 639			Area 640			Length.	Area 641			Area 642			Area 643				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	5	2	4	5	3	4	5	4	1	4	5	5	4	5	6	4	5	7		
2	8	10	4	8	10	6	8	10	8	2	8	10	10	8	11	0	8	11	2		
3	13	3	6	13	3	9	13	4	0	3	13	4	3	13	4	6	13	4	9		
4	17	8	8	17	9	0	17	9	4	4	17	9	8	17	10	0	17	10	4		
5	22	1	10	22	2	3	22	2	8	5	22	3	1	22	3	6	22	3	11		
6	26	7	0	26	7	6	26	8	0	6	26	8	6	26	9	0	26	9	6		
7	31	0	2	31	0	9	31	1	4	7	31	1	11	31	2	6	31	3	1		
8	35	5	4	35	6	0	35	6	8	8	35	7	4	35	8	0	35	8	8		
9	39	10	6	39	11	3	40	0	0	9	40	0	9	40	1	6	40	2	3		
10	44	3	8	44	4	6	44	5	4	10	44	6	2	44	7	0	44	7	10		
11	48	8	10	48	9	9	48	10	8	11	48	11	7	49	0	6	49	1	5		
12	53	2	0	53	3	0	53	4	0	12	53	5	0	53	6	0	53	7	0		
13	57	7	2	57	8	3	57	9	4	13	57	10	5	57	11	6	58	0	7		
14	62	0	4	62	1	6	62	2	8	14	62	3	10	62	5	0	62	6	2		
15	66	5	6	66	6	9	66	8	0	15	66	9	3	66	10	6	66	11	9		
16	70	10	8	71	0	0	71	1	4	16	71	2	8	71	4	0	71	5	4		
17	75	3	10	75	5	3	75	6	8	17	75	8	1	75	9	6	75	10	11		
18	79	9	0	79	10	6	80	0	0	18	80	1	6	80	3	0	80	4	6		
19	84	2	2	84	3	9	84	5	4	19	84	6	11	84	8	6	84	10	1		
20	88	7	4	88	9	0	88	10	8	20	89	0	4	89	2	0	89	3	8		
21	93	0	6	93	2	3	93	4	0	21	93	5	9	93	7	6	93	9	3		
22	97	5	8	97	7	6	97	9	4	22	97	11	2	98	1	0	98	2	10		
23	101	10	10	102	0	9	102	2	8	23	102	4	7	102	6	6	102	8	5		
24	106	4	0	106	6	0	106	8	0	24	106	10	0	107	0	0	107	2	0		
25	110	9	2	110	11	3	111	1	4	25	111	3	5	111	5	6	111	7	7		
26	115	2	4	115	4	6	115	6	8	26	115	8	10	115	11	0	116	1	2		
27	119	7	6	119	9	9	120	0	0	27	120	2	3	120	4	6	120	6	9		
28	124	0	8	124	3	0	124	5	4	28	124	7	8	124	10	0	125	0	4		
29	128	5	10	128	8	3	128	10	8	29	129	1	1	129	3	6	129	5	11		
30	132	11	0	133	1	6	133	4	0	30	133	6	6	133	9	0	133	11	6		
31	137	4	2	137	6	9	137	9	4	31	137	11	11	138	2	6	138	5	1		
32	141	9	4	142	0	0	142	2	8	32	142	5	4	142	8	0	142	10	8		
33	146	2	6	146	5	3	146	8	0	33	146	10	9	147	1	6	147	4	3		
34	150	7	8	150	10	6	151	1	4	34	151	4	2	151	7	0	151	9	10		
35	155	0	10	155	3	9	155	6	8	35	155	9	7	156	0	6	156	3	5		
50	221	6	4	221	10	6	222	2	8	50	222	6	10	222	11	0	223	3	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	5	2	0	4	5	3	0	4	5	4	1	0	4	5	5	0	4	5	7
2	0	8	10	4	0	8	10	6	0	8	10	8	2	0	8	11	0	0	8	11	2
3	1	1	3	6	1	1	3	9	1	1	4	0	3	1	1	4	6	1	1	4	9
4	1	5	8	8	1	5	9	0	1	5	9	4	4	1	5	10	0	1	5	10	4
5	1	10	1	10	1	10	2	3	1	10	2	8	5	1	10	3	6	1	10	3	11
6	2	2	7	0	2	2	7	6	2	2	8	0	6	2	2	8	6	2	2	9	6
7	2	7	0	2	2	7	0	9	2	7	1	4	7	2	7	2	6	2	7	3	1
8	2	11	5	4	2	11	6	0	2	11	6	8	8	2	11	8	0	2	11	8	8
9	3	3	10	6	3	3	11	3	3	4	0	0	9	3	4	0	9	3	4	2	3
10	3	8	3	8	3	8	4	6	3	8	5	4	10	3	8	6	2	3	8	7	10
11	4	0	8	10	4	0	9	9	4	0	10	8	11	4	0	11	7	4	1	0	6



Length.	Area 644			Area 645			Area 646			Length.	Area 647			Area 648			Area 649		
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.
1		4	5 8	4	5	9	4	5	10	1	4	5 11	4	6	0	4	6	1	
2		8	11 4	8	11	6	8	11	8	2	8	11 10	9	0	0	9	0	2	
3		13	5 0	13	5	3	13	5	6	3	13	5 9	13	6	0	13	6	3	
4		17	10 8	17	11	0	17	11	4	4	17	11 8	18	0	0	18	0	4	
5		22	4 4	22	4	9	22	5	2	5	22	5 7	22	6	0	22	6	5	
6		26	10 0	26	10	6	26	11	0	6	26	11 6	27	0	0	27	0	6	
7		31	3 8	31	4	3	31	4	10	7	31	5 5	31	6	0	31	6	7	
8		35	9 4	35	10	0	35	10	8	8	35	11 4	36	0	0	36	0	8	
9		40	3 0	40	3	9	40	4	6	9	40	5 3	40	6	0	40	6	9	
10		44	8 8	44	9	6	44	10	4	10	44	11 2	45	0	0	45	0	10	
11		49	2 4	49	3	3	49	4	2	11	49	5 1	49	6	0	49	6	11	
12		53	8 0	53	9	0	53	10	0	12	53	11 0	54	0	0	54	1	0	
13		58	1 8	58	2	9	58	3	10	13	58	4 11	58	6	0	58	7	1	
14		62	7 4	62	8	6	62	9	8	14	62	10 10	63	0	0	63	1	2	
15		67	1 0	67	2	3	67	3	6	15	67	4 9	67	6	0	67	7	3	
16		71	6 8	71	8	0	71	9	4	16	71	10 8	72	0	0	72	1	4	
17		76	0 4	76	1	9	76	3	2	17	76	4 7	76	6	0	76	7	5	
18		80	6 0	80	7	6	80	9	0	18	80	10 6	81	0	0	81	1	6	
19		84	11 8	85	1	3	85	2	10	19	85	4 5	85	6	0	85	7	7	
20		89	5 4	89	7	0	89	8	8	20	89	10 4	90	0	0	90	1	8	
21		93	11 0	94	0	9	94	2	6	21	94	4 3	94	6	0	94	7	9	
22		98	4 8	98	6	6	98	8	4	22	98	10 2	99	0	0	99	1	10	
23		102	10 4	103	0	3	103	2	2	23	103	4 1	103	6	0	103	7	11	
24		107	4 0	107	6	0	107	8	0	24	107	10 0	108	0	0	108	2	0	
25		111	9 8	111	11	9	112	1	10	25	112	3 11	112	6	0	112	8	1	
26		116	3 4	116	5	6	116	7	8	26	116	9 10	117	0	0	117	2	2	
27		120	9 0	120	11	3	121	1	6	27	121	3 9	121	6	0	121	8	3	
28		125	2 8	125	5	0	125	7	4	28	125	9 8	126	0	0	126	2	4	
29		129	8 4	129	10	9	130	1	2	29	130	3 7	130	6	0	130	8	5	
30		134	2 0	134	4	6	134	7	0	30	134	9 6	135	0	0	135	2	6	
31		138	7 8	138	10	3	139	0	10	31	139	3 5	139	6	0	139	8	7	
32		143	1 4	143	4	0	143	6	8	32	143	9 4	144	0	0	144	2	8	
33		147	7 0	147	9	9	148	0	6	33	148	3 3	148	6	0	148	8	9	
34		152	0 8	152	3	6	152	6	4	34	152	9 2	153	0	0	153	2	10	
35		156	6 4	156	9	3	157	0	2	35	157	3 1	157	6	0	157	8	11	
50		223	7 4	223	11	6	224	3	8	50	224	7 10	225	0	0	225	4	2	
In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.	In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.
1	0	4	5 8	0	4	5 9	0	4	5 10	1	0	4 5 11	0	4	6 0	0	4	6 1	
2	0	8	11 4	0	8	11 6	0	8	11 8	2	0	8 11 10	0	9	0 0	0	9	0 2	
3	1	1	5 0	1	1	5 3	1	1	5 6	3	1	1 5 9	1	1	6 0	1	1	6 3	
4	1	5	10 8	1	5	11 0	1	5	11 4	4	1	5 11 8	1	6	0 0	1	6	0 4	
5	1	10	4 4	1	10	4 9	1	10	5 2	5	1	10 5 7	1	10	6 0	1	10	6 5	
6	2	2	10 0	2	2	10 6	2	2	11 0	6	2	2 11 6	2	3	0 0	2	3	0 6	
7	2	7	3 8	2	7	4 3	2	7	4 10	7	2	7 5 5	2	7	6 0	2	7	6 7	
8	2	11	9 4	2	11	10 0	2	11	10 8	8	2	11 11 4	3	0	0 0	3	0	0 8	
9	3	4	3 0	3	4	3 9	3	4	4 6	9	3	4 5 3	3	4	6 0	3	4	6 9	
10	3	8	8 8	3	8	9 6	3	8	10 4	10	3	8 11 2	3	9	0 0	3	9	0 10	
11	4	1	2 4	4	1	3 3	4	1	4 2	11	4	1 5 1	4	1	6 0	4	1	6 11	



Length.	Area 650			Area 651			Area 652			Length.	Area 653			Area 654			Area 655				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	6	2	4	6	3	4	6	4	1	4	6	5	4	6	6	4	6	7		
2	9	0	4	9	0	6	9	0	8	2	9	0	10	9	1	0	9	1	2		
3	13	6	6	13	6	9	13	7	0	3	13	7	3	13	7	6	13	7	9		
4	18	0	8	18	1	0	18	1	4	4	18	1	8	18	2	0	18	2	4		
5	22	6	10	22	7	3	22	7	8	5	22	8	1	22	8	6	22	8	11		
6	27	1	0	27	1	6	27	2	0	6	27	2	6	27	3	0	27	3	6		
7	31	7	2	31	7	9	31	8	4	7	31	8	11	31	9	6	31	10	1		
8	36	1	4	36	2	0	36	2	8	8	36	3	4	36	4	0	36	4	8		
9	40	7	6	40	8	3	40	9	0	9	40	9	9	40	10	6	40	11	3		
10	45	1	8	45	2	6	45	3	4	10	45	4	2	45	5	0	45	5	10		
11	49	7	10	49	8	9	49	9	8	11	49	10	7	49	11	6	50	0	5		
12	54	2	0	54	3	0	54	4	0	12	54	5	0	54	6	0	54	7	0		
13	58	8	2	58	9	3	58	10	4	13	58	11	5	59	0	6	59	1	7		
14	63	2	4	63	3	6	63	4	8	14	63	5	10	63	7	0	63	8	2		
15	67	8	6	67	9	9	67	11	0	15	68	0	3	68	1	6	68	2	9		
16	72	2	8	72	4	0	72	5	4	16	72	6	8	72	8	0	72	9	4		
17	76	8	10	76	10	3	76	11	8	17	77	1	1	77	2	6	77	3	11		
18	81	3	0	81	4	6	81	6	0	18	81	7	6	81	9	0	81	10	6		
19	85	9	2	85	10	9	86	0	4	19	86	1	11	86	3	6	86	5	1		
20	90	3	4	90	5	0	90	6	8	20	90	8	4	90	10	0	90	11	8		
21	94	9	6	94	11	3	95	1	0	21	95	2	9	95	4	6	95	6	3		
22	99	3	8	99	5	6	99	7	4	22	99	9	2	99	11	0	100	0	10		
23	103	9	10	103	11	9	104	1	8	23	104	3	7	104	5	6	104	7	5		
24	108	4	0	108	6	0	108	8	0	24	108	10	0	109	0	0	109	2	0		
25	112	10	2	113	0	3	113	2	4	25	113	4	5	113	6	6	113	8	7		
26	117	4	4	117	6	6	117	8	8	26	117	10	10	118	1	0	118	3	2		
27	121	10	6	122	0	9	122	3	0	27	122	5	3	122	7	6	122	9	9		
28	126	4	8	126	7	0	126	9	4	28	126	11	8	127	2	0	127	4	4		
29	130	10	10	131	1	3	131	3	8	29	131	6	1	131	8	6	131	10	11		
30	135	5	0	135	7	6	135	10	0	30	136	0	6	136	3	0	136	5	6		
31	139	11	2	140	1	9	140	4	4	31	140	6	11	140	9	6	141	0	1		
32	144	5	4	144	8	0	144	10	8	32	145	1	4	145	4	0	145	6	8		
33	148	11	6	149	2	3	149	5	0	33	149	7	9	149	10	6	150	1	3		
34	153	5	8	153	8	6	153	11	4	34	154	2	2	154	5	0	154	7	10		
35	157	11	10	158	2	9	158	5	8	35	158	8	7	158	11	6	159	2	5		
50	225	8	4	226	0	6	226	4	8	50	226	8	10	227	1	0	227	5	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	6	20	0	4	6	30	0	4	6	4	1	0	4	6	50	0	4	6	7
2	0	9	0	40	0	9	0	60	0	9	0	8	2	0	9	1	00	0	9	1	2
3	1	1	6	61	1	1	6	91	1	1	7	0	3	1	1	7	31	1	1	7	9
4	1	6	0	81	1	6	1	01	1	6	1	4	4	1	6	1	81	1	6	2	4
5	1	10	6	101	1	10	7	31	1	10	7	8	5	1	10	8	11	1	10	8	11
6	2	3	1	02	2	3	1	62	2	3	2	0	6	2	3	2	62	2	3	3	6
7	2	7	7	22	2	7	7	92	2	7	8	4	7	2	7	8	112	2	7	10	1
8	3	0	1	43	3	0	2	03	3	0	2	8	8	3	0	3	43	0	4	03	8
9	3	4	7	63	3	4	8	33	3	4	9	0	9	3	4	9	3	4	10	63	3
10	3	9	1	83	3	9	2	63	3	9	3	4	10	3	9	4	23	9	5	03	9
11	4	1	7	104	4	1	8	94	4	1	9	8	11	4	1	10	74	1	11	64	2

Length.	Area 656			Area 657			Area 658			Length.	Area 659			Area 660			Area 661				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	6	8	4	6	9	4	6	10	1	4	6	11	4	7	0	4	7	1		
2	9	1	4	9	1	6	9	1	8	2	9	1	10	9	2	0	9	2	2		
3	13	8	0	13	8	3	13	8	6	3	13	8	9	13	9	0	13	9	3		
4	18	2	8	18	3	0	18	3	4	4	18	3	8	18	4	0	18	4	4		
5	22	9	4	22	9	9	22	10	2	5	22	10	7	22	11	0	22	11	5		
6	27	4	0	27	4	6	27	5	0	6	27	5	6	27	6	0	27	6	6		
7	31	10	8	31	11	3	31	11	10	7	32	0	5	32	1	0	32	1	7		
8	36	5	4	36	6	0	36	6	8	8	36	7	4	36	8	0	36	8	8		
9	41	0	0	41	0	9	41	1	6	9	41	2	3	41	3	0	41	3	9		
10	45	6	8	45	7	6	45	8	4	10	45	9	2	45	10	0	45	10	10		
11	50	1	4	50	2	3	50	3	2	11	50	4	1	50	5	0	50	5	11		
12	54	8	0	54	9	0	54	10	0	12	54	11	0	55	0	0	55	1	0		
13	59	2	8	59	3	9	59	4	10	13	59	5	11	59	7	0	59	8	1		
14	63	9	4	63	10	6	63	11	8	14	64	0	10	64	2	0	64	3	2		
15	68	4	0	68	5	3	68	6	6	15	68	7	9	68	9	0	68	10	3		
16	72	10	8	73	0	0	73	1	4	16	73	2	8	73	4	0	73	5	4		
17	77	5	4	77	6	9	77	8	2	17	77	9	7	77	11	0	78	0	5		
18	82	0	0	82	1	6	82	3	0	18	82	4	6	82	6	0	82	7	6		
19	86	6	8	86	8	3	86	9	10	19	86	11	5	87	1	0	87	2	7		
20	91	1	4	91	3	0	91	4	8	20	91	6	4	91	8	0	91	9	8		
21	95	8	0	95	9	9	95	11	6	21	96	1	3	96	3	0	96	4	9		
22	100	2	8	100	4	6	100	6	4	22	100	8	2	100	10	0	100	11	10		
23	104	9	4	104	11	3	105	1	2	23	105	3	1	105	5	0	105	6	11		
24	109	4	0	109	6	0	109	8	0	24	109	10	0	110	0	0	110	2	0		
25	113	10	8	114	0	9	114	2	10	25	114	4	11	114	7	0	114	9	1		
26	118	5	4	118	7	6	118	9	8	26	118	11	10	119	2	0	119	4	2		
27	123	0	0	123	2	3	123	4	6	27	123	6	9	123	9	0	123	11	3		
28	127	6	8	127	9	0	127	11	4	28	128	1	8	128	4	0	128	6	4		
29	132	1	4	132	3	9	132	6	2	29	132	8	7	132	11	0	133	1	5		
30	136	8	0	136	10	6	137	1	0	30	137	3	6	137	6	0	137	8	6		
31	141	2	8	141	5	3	141	7	10	31	141	10	5	142	1	0	142	3	7		
32	145	9	4	146	0	0	146	2	8	32	146	5	4	146	8	0	146	10	8		
33	150	4	0	150	6	9	150	9	6	33	151	0	3	151	3	0	151	5	9		
34	154	10	8	155	1	6	155	4	4	34	155	7	2	155	10	0	156	0	10		
35	159	5	4	159	8	3	159	11	2	35	160	2	1	160	5	0	160	7	11		
50	227	9	4	228	1	6	228	5	8	50	228	9	10	229	2	0	229	6	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	4	6	8	0	4	6	9	0	4	6	10	1	0	4	6	11	0	4	7	1
2	0	9	1	4	0	9	1	6	0	9	1	8	2	0	9	1	10	0	9	2	2
3	1	1	8	0	1	1	8	3	1	1	8	6	3	1	1	8	9	1	1	9	3
4	1	6	2	8	1	6	3	0	1	6	3	4	4	1	6	3	8	1	6	4	4
5	1	10	9	4	1	10	9	9	1	10	10	2	5	1	10	10	7	1	10	11	5
6	2	3	4	0	2	3	4	6	2	3	5	0	6	2	3	5	6	2	3	6	6
7	2	7	10	8	2	7	11	3	2	7	11	10	7	2	8	0	5	2	8	1	7
8	3	0	5	4	3	0	6	0	3	0	6	8	8	3	0	7	4	3	0	8	8
9	3	5	0	0	3	5	0	9	3	5	1	6	9	3	5	2	3	3	5	3	9
10	3	9	6	8	3	9	7	6	3	9	8	4	10	3	9	9	2	3	9	10	10
11	4	2	1	4	4	2	2	3	4	2	3	2	11	4	2	4	1	4	2	5	11

Length.	Area 662			Area 663			Area 664			Length.	Area 665			Area 666			Area 667				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	7	2	4	7	3	4	7	4	1	4	7	5	4	7	6	4	7	7		
2	9	2	4	9	2	6	9	2	8	2	9	2	10	9	3	0	9	3	2		
3	13	9	6	13	9	9	13	10	0	3	13	10	3	13	10	6	13	10	9		
4	18	4	8	18	5	0	18	5	4	4	18	5	8	18	6	0	18	6	4		
5	22	11	10	23	0	3	23	0	8	5	23	1	1	23	1	6	23	1	11		
6	27	7	0	27	7	6	27	8	0	6	27	8	6	27	9	0	27	9	6		
7	32	2	2	32	2	9	32	3	4	7	32	3	11	32	4	6	32	5	1		
8	36	9	4	36	10	0	36	10	8	8	36	11	4	37	0	0	37	0	8		
9	41	4	6	41	5	3	41	6	0	9	41	6	9	41	7	6	41	8	3		
10	45	11	8	46	0	6	46	1	4	10	46	2	2	46	3	0	46	3	10		
11	50	6	10	50	7	9	50	8	8	11	50	9	7	50	10	6	50	11	5		
12	55	2	0	55	3	0	55	4	0	12	55	5	0	55	6	0	55	7	0		
13	59	9	2	59	10	3	59	11	4	13	60	0	5	60	1	6	60	2	7		
14	64	4	4	64	5	6	64	6	8	14	64	7	10	64	9	0	64	10	2		
15	68	11	6	69	0	9	69	2	0	15	69	3	3	69	4	6	69	5	9		
16	73	6	8	73	8	0	73	9	4	16	73	10	8	74	0	0	74	1	4		
17	78	1	10	78	3	3	78	4	8	17	78	6	1	78	7	6	78	8	11		
18	82	9	0	82	10	6	83	0	0	18	83	1	6	83	3	0	83	4	6		
19	87	4	2	87	5	9	87	7	4	19	87	8	11	87	10	6	88	0	1		
20	91	11	4	92	1	0	92	2	8	20	92	4	4	92	6	0	92	7	8		
21	96	6	6	96	8	3	96	10	0	21	96	11	9	97	1	6	97	3	3		
22	101	1	8	101	3	6	101	5	4	22	101	7	2	101	9	0	101	10	10		
23	105	8	10	105	10	9	106	0	8	23	106	2	7	106	4	6	106	6	5		
24	110	4	0	110	6	0	110	8	0	24	110	10	0	111	0	0	111	2	0		
25	114	11	2	115	1	3	115	3	4	25	115	5	5	115	7	6	115	9	7		
26	119	6	4	119	8	6	119	10	8	26	120	0	10	120	3	0	120	5	2		
27	124	1	6	124	3	9	124	6	0	27	124	8	3	124	10	6	125	0	9		
28	128	8	8	128	11	0	129	1	4	28	129	3	8	129	6	0	129	8	4		
29	133	3	10	133	6	3	133	8	8	29	133	11	1	134	1	6	134	3	11		
30	137	11	0	138	1	6	138	4	0	30	138	6	6	138	9	0	138	11	6		
31	142	6	2	142	8	9	142	11	4	31	143	1	11	143	4	6	143	7	1		
32	147	1	4	147	4	0	147	6	8	32	147	9	4	148	0	0	148	2	8		
33	151	8	6	151	11	3	152	2	0	33	152	4	9	152	7	6	152	10	3		
34	156	3	8	156	6	6	156	9	4	34	157	0	2	157	3	0	157	5	10		
35	160	10	10	161	1	9	161	4	8	35	161	7	7	161	10	6	162	1	5		
50	229	10	4	230	2	6	230	6	8	50	230	10	10	231	3	0	231	7	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	7	2	0	4	7	3	0	4	7	4	1	0	4	7	5	0	4	7	7
2	0	9	2	4	0	9	2	6	0	9	2	8	2	0	9	3	0	0	9	3	2
3	1	1	9	6	1	1	9	9	1	1	10	0	3	1	1	10	3	1	1	10	9
4	1	6	4	8	1	6	5	0	1	6	5	4	4	1	6	6	0	1	6	6	4
5	1	10	11	10	1	11	0	8	1	11	0	8	5	1	11	1	1	1	11	1	11
6	2	3	7	0	2	3	7	6	2	3	8	0	6	2	3	8	6	2	3	9	6
7	2	8	2	2	2	8	2	9	2	8	3	4	7	2	8	4	6	2	8	5	1
8	3	0	9	4	3	0	10	0	3	0	10	8	8	3	0	11	4	3	1	0	8
9	3	5	4	6	3	5	5	3	3	5	6	0	9	3	5	6	9	3	5	8	3
10	3	9	11	8	3	10	0	6	3	10	1	4	10	3	10	2	2	3	10	3	10
11	4	2	6	10	4	2	7	9	4	2	8	8	11	4	2	10	6	4	2	11	5



Length.	Area 668			Area 669			Area 670			Length.	Area 671			Area 672			Area 673				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	7	8	4	7	9	4	7	10	1	4	7	11	4	8	0	4	8	1		
2	9	3	4	9	3	6	9	3	8	2	9	3	10	9	4	0	9	4	2		
3	13	11	0	13	11	3	13	11	6	3	13	11	9	14	0	0	14	0	3		
4	18	6	8	18	7	0	18	7	4	4	18	7	8	18	8	0	18	8	4		
5	23	2	4	23	2	9	23	3	2	5	23	3	7	23	4	0	23	4	5		
6	27	10	0	27	10	6	27	11	0	6	27	11	6	28	0	0	28	0	6		
7	32	5	8	32	6	3	32	6	10	7	32	7	5	32	8	0	32	8	7		
8	37	1	4	37	2	0	37	2	8	8	37	3	4	37	4	0	37	4	8		
9	41	9	0	41	9	9	41	10	6	9	41	11	3	42	0	0	42	0	9		
10	46	4	8	46	5	6	46	6	4	10	46	7	2	46	8	0	46	8	10		
11	51	0	4	51	1	3	51	2	2	11	51	3	1	51	4	0	51	4	11		
12	55	8	0	55	9	0	55	10	0	12	55	11	0	56	0	0	56	1	0		
13	60	3	8	60	4	9	60	5	10	13	60	6	11	60	8	0	60	9	1		
14	64	11	4	65	0	6	65	1	8	14	65	2	10	65	4	0	65	5	2		
15	69	7	0	69	8	3	69	9	6	15	69	10	9	70	0	0	70	1	3		
16	74	2	8	74	4	0	74	5	4	16	74	6	8	74	8	0	74	9	4		
17	78	10	4	78	11	9	79	1	2	17	79	2	7	79	4	0	79	5	5		
18	83	6	0	83	7	6	83	9	0	18	83	10	6	84	0	0	84	1	6		
19	88	1	8	88	3	3	88	4	10	19	88	6	5	88	8	0	88	9	7		
20	92	9	4	92	11	0	93	0	8	20	93	2	4	93	4	0	93	5	8		
21	97	5	0	97	6	9	97	8	6	21	97	10	3	98	0	0	98	1	9		
22	102	0	8	102	2	6	102	4	4	22	102	6	2	102	8	0	102	9	10		
23	106	8	4	106	10	3	107	0	2	23	107	2	1	107	4	0	107	5	11		
24	111	4	0	111	6	0	111	8	0	24	111	10	0	112	0	0	112	2	0		
25	115	11	8	116	1	9	116	3	10	25	116	5	11	116	8	0	116	10	1		
26	120	7	4	120	9	6	120	11	8	26	121	1	10	121	4	0	121	6	2		
27	125	3	0	125	5	3	125	7	6	27	125	9	9	126	0	0	126	2	3		
28	129	10	8	130	1	0	130	3	4	28	130	5	8	130	8	0	130	10	4		
29	134	6	4	134	8	9	134	11	2	29	135	1	7	135	4	0	135	6	5		
30	139	2	0	139	4	6	139	7	0	30	139	9	6	140	0	0	140	2	6		
31	143	9	8	144	0	3	144	2	10	31	144	5	5	144	8	0	144	10	7		
32	148	5	4	148	8	0	148	10	8	32	149	1	4	149	4	0	149	6	8		
33	153	1	0	153	3	9	153	6	6	33	153	9	3	154	0	0	154	2	9		
34	157	8	8	157	11	6	158	2	4	34	158	5	2	158	8	0	158	10	10		
35	162	4	4	162	7	3	162	10	2	35	163	1	1	163	4	0	163	6	11		
50	231	11	4	232	3	6	232	7	8	50	232	11	10	233	4	0	233	8	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	4	7	8	0	4	7	9	0	4	7	10	1	0	4	7	11	0	4	8	1
2	0	9	3	4	0	9	3	6	0	9	3	8	2	0	9	4	10	0	9	4	2
3	1	1	11	0	1	1	11	3	1	1	11	6	3	1	1	11	9	1	2	0	3
4	1	6	6	8	1	6	7	0	1	6	7	4	4	1	6	8	0	1	6	8	4
5	1	11	2	4	1	11	2	9	1	11	3	2	5	1	11	4	0	1	11	4	5
6	2	3	10	0	2	3	10	6	2	3	11	0	6	2	3	11	6	2	4	0	6
7	2	8	5	8	2	8	6	3	2	8	6	10	7	2	8	7	5	2	8	8	7
8	3	1	1	4	3	1	2	0	3	1	2	8	8	3	1	4	0	3	1	4	8
9	3	5	9	0	3	5	9	9	3	5	10	6	9	3	5	11	3	3	6	0	9
10	3	10	4	8	3	10	5	6	3	10	6	4	10	3	10	7	2	3	10	8	10
11	4	3	0	4	4	3	1	3	4	3	2	2	11	4	3	3	1	4	3	4	11



Length.	Area 674			Area 675			Area 676			Length.	Area 677			Area 678			Area 679				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	8	2	4	8	3	4	8	4	1	4	8	5	4	8	6	4	8	7		
2	9	4	4	9	4	6	9	4	8	2	9	4	10	9	5	0	9	5	2		
3	14	0	6	14	0	9	14	1	0	3	14	1	3	14	1	6	14	1	9		
4	18	8	8	18	9	0	18	9	4	4	18	9	8	18	10	0	18	10	4		
5	23	4	10	23	5	3	23	5	8	5	23	6	1	23	6	6	23	6	11		
6	28	1	0	28	1	6	28	2	0	6	28	2	6	28	3	0	28	3	6		
7	32	9	2	32	9	9	32	10	4	7	32	10	11	32	11	6	33	0	1		
8	37	5	4	37	6	0	37	6	8	8	37	7	4	37	8	0	37	8	8		
9	42	1	6	42	2	3	42	3	0	9	42	3	9	42	4	6	42	5	3		
10	46	9	8	46	10	6	46	11	4	10	47	0	2	47	1	0	47	1	10		
11	51	5	10	51	6	9	51	7	8	11	51	8	7	51	9	6	51	10	5		
12	56	2	0	56	3	0	56	4	0	12	56	5	0	56	6	0	56	7	0		
13	60	10	2	60	11	3	61	0	4	13	61	1	5	61	2	6	61	3	7		
14	65	6	4	65	7	6	65	8	8	14	65	9	10	65	11	0	66	0	2		
15	70	2	6	70	3	9	70	5	0	15	70	6	3	70	7	6	70	8	9		
16	74	10	8	75	0	0	75	1	4	16	75	2	8	75	4	0	75	5	4		
17	79	6	10	79	8	3	79	9	8	17	79	11	1	80	0	6	80	1	11		
18	84	3	0	84	4	6	84	6	0	18	84	7	6	84	9	0	84	10	6		
19	88	11	2	89	0	9	89	2	4	19	89	3	11	89	5	6	89	7	1		
20	93	7	4	93	9	0	93	10	8	20	94	0	4	94	2	0	94	3	8		
21	98	3	6	98	5	3	98	7	0	21	98	8	9	98	10	6	99	0	3		
22	102	11	8	103	1	6	103	3	4	22	103	5	2	103	7	0	103	8	10		
23	107	7	10	107	9	9	107	11	8	23	108	1	7	108	3	6	108	5	5		
24	112	4	0	112	6	0	112	8	0	24	112	10	0	113	0	0	113	2	0		
25	117	0	2	117	2	3	117	4	4	25	117	6	5	117	8	6	117	10	7		
26	121	8	4	121	10	6	122	0	8	26	122	2	10	122	5	0	122	7	2		
27	126	4	6	126	6	9	126	9	0	27	126	11	3	127	1	6	127	3	9		
28	131	0	8	131	3	0	131	5	4	28	131	7	8	131	10	0	132	0	4		
29	135	8	10	135	11	3	136	1	8	29	136	4	1	136	6	6	136	8	11		
30	140	5	0	140	7	6	140	10	0	30	141	0	6	141	3	0	141	5	6		
31	145	1	2	145	3	9	145	6	4	31	145	8	11	145	11	6	146	2	1		
32	149	9	4	150	0	0	150	2	8	32	150	5	4	150	8	0	150	10	8		
33	154	5	6	154	8	3	154	11	0	33	155	1	9	155	4	6	155	7	3		
34	159	1	8	159	4	6	159	7	4	34	159	10	2	160	1	0	160	3	10		
35	163	9	10	164	0	9	164	3	8	35	164	6	7	164	9	6	165	0	5		
50	234	0	4	234	4	6	234	8	8	50	235	0	10	235	5	0	235	9	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	8	2	0	4	8	3	0	4	8	4	1	0	4	8	5	0	4	8	6
2	0	9	4	4	0	9	4	6	0	9	4	8	2	0	9	5	0	0	9	5	2
3	1	2	0	6	1	2	0	9	1	2	1	0	3	1	2	1	6	1	2	1	9
4	1	6	8	8	1	6	9	0	1	6	9	4	4	1	6	9	8	1	6	10	4
5	1	11	4	10	1	11	5	3	1	11	5	8	5	1	11	6	1	11	6	11	
6	2	4	1	0	2	4	1	6	2	4	2	0	6	2	4	2	6	2	4	3	6
7	2	8	9	2	8	9	9	2	8	10	4	7	2	8	10	11	2	8	11	6	2
8	3	1	5	4	3	1	6	0	3	1	6	8	8	3	1	7	4	3	1	8	0
9	3	6	1	6	3	6	2	3	3	6	3	0	9	3	6	3	9	3	6	5	3
10	3	10	9	8	3	10	10	6	3	10	11	4	10	3	11	0	2	3	11	1	0
11	4	3	5	10	4	3	6	9	4	3	7	8	11	4	3	8	7	4	3	9	6

Length.	Area 680			Area 681			Area 682			Length.	Area 683			Area 684			Area 685					
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.			
1	4	8	8	4	8	9	4	8	10	1	4	8	11	4	9	0	4	9	1			
2	9	5	4	9	5	6	9	5	8	2	9	5	10	9	6	0	9	6	2			
3	14	2	0	14	2	3	14	2	6	3	14	2	9	14	3	0	14	3	3			
4	18	10	8	18	11	0	18	11	4	4	18	11	8	19	0	0	19	0	4			
5	23	7	4	23	7	9	23	8	2	5	23	8	7	23	9	0	23	9	5			
6	28	4	0	28	4	6	28	5	0	6	28	5	6	28	6	0	28	6	6			
7	33	0	8	33	1	3	33	1	10	7	33	2	5	33	3	0	33	3	7			
8	37	9	4	37	10	0	37	10	8	8	37	11	4	38	0	0	38	0	8			
9	42	6	0	42	6	9	42	7	6	9	42	8	3	42	9	0	42	9	9			
10	47	2	8	47	3	6	47	4	4	10	47	5	2	47	6	0	47	6	10			
11	51	11	4	52	0	3	52	1	2	11	52	2	1	52	3	0	52	3	11			
12	56	8	0	56	9	0	56	10	0	12	56	11	0	57	0	0	57	1	0			
13	61	4	8	61	5	9	61	6	10	13	61	7	11	61	9	0	61	10	1			
14	66	1	4	66	2	6	66	3	8	14	66	4	10	66	6	0	66	7	2			
15	70	10	0	70	11	3	71	0	6	15	71	1	9	71	3	0	71	4	3			
16	75	6	8	75	8	0	75	9	4	16	75	10	8	76	0	0	76	1	4			
17	80	3	4	80	4	9	80	6	2	17	80	7	7	80	9	0	80	10	5			
18	85	0	0	85	1	6	85	3	0	18	85	4	6	85	6	0	85	7	6			
19	89	8	8	89	10	3	89	11	10	19	90	1	5	90	3	0	90	4	7			
20	94	5	4	94	7	0	94	8	8	20	94	10	4	95	0	0	95	1	8			
21	99	2	0	99	3	9	99	5	6	21	99	7	3	99	9	0	99	10	9			
22	103	10	8	104	0	6	104	2	4	22	104	4	2	104	6	0	104	7	10			
23	108	7	4	108	9	3	108	11	2	23	109	1	1	109	3	0	109	4	11			
24	113	4	0	113	6	0	113	8	0	24	113	10	0	114	0	0	114	2	0			
25	118	0	8	118	2	9	118	4	10	25	118	6	11	118	9	0	118	11	1			
26	122	9	4	122	11	6	123	1	8	26	123	3	10	123	6	0	123	8	2			
27	127	6	0	127	8	3	127	10	6	27	128	0	9	128	3	0	128	5	3			
28	132	2	8	132	5	0	132	7	4	28	132	9	8	133	0	0	133	2	4			
29	136	11	4	137	1	9	137	4	2	29	137	6	7	137	9	0	137	11	5			
30	141	8	0	141	10	6	142	1	0	30	142	3	6	142	6	0	142	8	6			
31	146	4	8	146	7	3	146	9	10	31	147	0	5	147	3	0	147	5	7			
32	151	1	4	151	4	0	151	6	8	32	151	9	4	152	0	0	152	2	8			
33	155	10	0	156	0	9	156	3	6	33	156	6	3	156	9	0	156	11	9			
34	160	6	8	160	9	6	161	0	4	34	161	3	2	161	6	0	161	8	10			
35	165	3	4	165	6	3	165	9	2	35	166	0	1	166	3	0	166	5	11			
50	236	1	4	236	5	6	236	9	8	50	237	1	10	237	6	0	237	10	2			
In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.	In.	F.	I.	P. S.	F.	I.	P. S.	F.	I.	P. S.			
1	0	4	8	8	0	4	8	9	0	4	8	10	1	0	4	9	0	0	4	9	1	
2	0	9	5	4	0	9	5	6	0	9	5	8	2	0	9	6	0	0	9	6	2	
3	1	2	2	0	1	2	2	3	1	2	2	6	3	1	2	2	3	0	1	2	3	3
4	1	6	10	8	1	6	11	0	1	6	11	4	4	1	6	11	8	1	7	0	4	
5	1	11	7	4	1	11	7	9	1	11	8	2	5	1	11	8	7	1	11	9	5	
6	2	4	4	0	2	4	4	6	2	4	5	0	6	2	4	5	6	2	4	6	6	
7	2	9	0	8	2	9	1	3	2	9	1	10	7	2	9	2	5	2	9	3	7	
8	3	1	9	4	3	1	10	0	3	1	10	8	8	3	1	11	4	3	2	0	8	
9	3	6	6	0	3	6	6	9	3	6	7	6	9	3	6	8	3	3	6	9	9	
10	3	11	2	8	3	11	3	6	3	11	4	4	10	3	11	5	2	3	11	6	10	
11	4	3	11	4	4	4	0	3	4	4	1	2	11	4	4	2	1	4	4	3	11	

Length.	Area 686			Area 687			Area 688			Length.	Area 689			Area 690			Area 691				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	9	2	4	9	3	4	9	4	1	4	9	5	4	9	6	4	9	7		
2	9	6	4	9	6	6	9	6	8	2	9	6	10	9	7	0	9	7	2		
3	14	3	6	14	3	9	14	4	0	3	14	4	3	14	4	6	14	4	9		
4	19	0	8	19	1	0	19	1	4	4	19	1	8	19	2	0	19	2	4		
5	23	9	10	23	10	3	23	10	8	5	23	11	1	23	11	6	23	11	11		
6	28	7	0	28	7	6	28	8	0	6	28	8	6	28	9	0	28	9	6		
7	33	4	2	33	4	9	33	5	4	7	33	5	11	33	6	6	33	7	1		
8	38	1	4	38	2	0	38	2	8	8	38	3	4	38	4	0	38	4	8		
9	42	10	6	42	11	3	43	0	0	9	43	0	9	43	1	6	43	2	3		
10	47	7	8	47	8	6	47	9	4	10	47	10	2	47	11	0	47	11	10		
11	52	4	10	52	5	9	52	6	8	11	52	7	7	52	8	6	52	9	5		
12	57	2	0	57	3	0	57	4	0	12	57	5	0	57	6	0	57	7	0		
13	61	11	2	62	0	3	62	1	4	13	62	2	5	62	3	6	62	4	7		
14	66	8	4	66	9	6	66	10	8	14	66	11	10	67	1	0	67	2	2		
15	71	5	6	71	6	9	71	8	0	15	71	9	3	71	10	6	71	11	9		
16	76	2	8	76	4	0	76	5	4	16	76	6	8	76	8	0	76	9	4		
17	80	11	10	81	1	3	81	2	8	17	81	4	1	81	5	6	81	6	11		
18	85	9	0	85	10	6	86	0	0	18	86	1	6	86	3	0	86	4	6		
19	90	6	2	90	7	9	90	9	4	19	90	10	11	91	0	6	91	2	1		
20	95	3	4	95	5	0	95	6	8	20	95	8	4	95	10	0	95	11	8		
21	100	0	6	100	2	3	100	4	0	21	100	5	9	100	7	6	100	9	3		
22	104	9	8	104	11	6	105	1	4	22	105	3	2	105	5	0	105	6	10		
23	109	6	10	109	8	9	109	10	8	23	110	0	7	110	2	6	110	4	5		
24	114	4	0	114	6	0	114	8	0	24	114	10	0	115	0	0	115	2	0		
25	119	1	2	119	3	3	119	5	4	25	119	7	5	119	9	6	119	11	7		
26	123	10	4	124	0	6	124	2	8	26	124	4	10	124	7	0	124	9	2		
27	128	7	6	128	9	9	129	0	0	27	129	2	3	129	4	6	129	6	9		
28	133	4	8	133	7	0	133	9	4	28	133	11	8	134	2	0	134	4	4		
29	138	1	10	138	4	3	138	6	8	29	138	9	1	138	11	6	139	1	11		
30	142	11	0	143	1	6	143	4	0	30	143	6	6	143	9	0	143	11	6		
31	147	8	2	147	10	9	148	1	4	31	148	3	11	148	6	6	148	9	1		
32	152	5	4	152	8	0	152	10	8	32	153	1	4	153	4	0	153	6	8		
33	157	2	6	157	5	3	157	8	0	33	157	10	9	158	1	6	158	4	3		
34	161	11	8	162	2	6	162	5	4	34	162	8	2	162	11	0	163	1	10		
35	166	8	10	166	11	9	167	2	8	35	167	5	7	167	8	6	167	11	5		
50	238	2	4	238	6	6	238	10	8	50	239	2	10	239	7	0	239	11	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	4	9	20	0	4	9	30	0	4	9	40	1	0	4	9	50	0	4	9	7
2	0	9	6	40	0	9	6	60	0	9	6	80	2	0	9	7	00	0	9	7	2
3	1	2	3	61	1	2	3	91	1	2	4	0	3	1	2	4	61	1	2	4	9
4	1	7	0	81	1	7	1	0	1	7	1	4	4	1	7	1	81	1	7	2	4
5	1	11	9	101	1	11	10	31	1	11	10	8	5	1	11	11	11	1	11	11	11
6	2	4	7	02	2	4	7	62	2	4	8	0	6	2	4	8	62	2	4	9	6
7	2	9	4	22	2	9	4	92	2	9	5	4	7	2	9	5	112	2	9	7	1
8	3	2	1	43	3	2	2	03	3	2	2	8	8	3	2	3	43	3	2	4	8
9	3	6	10	63	3	6	11	33	3	7	0	0	9	9	3	7	0	93	3	7	2
10	3	11	7	83	3	11	8	63	3	11	9	4	10	3	11	10	23	3	11	11	10
11	4	4	4	104	4	4	5	94	4	4	6	8	11	4	4	7	74	4	4	9	5

Length.	Area 692	Area 693	Area 694	Length.	Area 695	Area 696	Area 697
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.	F. I. P.
1	4 9 8	4 9 9	4 9 10	1	4 9 11	4 10 0	4 10 1
2	9 7 4	9 7 6	9 7 8	2	9 7 10	9 8 0	9 8 2
3	14 5 0	14 5 3	14 5 6	3	14 5 9	14 6 0	14 6 3
4	19 2 8	19 3 0	19 3 4	4	19 3 8	19 4 0	19 4 4
5	24 0 4	24 0 9	24 1 2	5	24 1 7	24 2 0	24 2 5
6	28 10 0	28 10 6	28 11 0	6	28 11 6	29 0 0	29 0 6
7	33 7 8	33 8 3	33 8 10	7	33 9 5	33 10 0	33 10 7
8	38 5 4	38 6 0	38 6 8	8	38 7 4	38 8 0	38 8 8
9	43 3 0	43 3 9	43 4 6	9	43 5 3	43 6 0	43 6 9
10	48 0 8	48 1 6	48 2 4	10	48 3 2	48 4 0	48 4 10
11	52 10 4	52 11 3	53 0 2	11	53 1 1	53 2 0	53 2 11
12	57 8 0	57 9 0	57 10 0	12	57 11 0	58 0 0	58 1 0
13	62 5 8	62 6 9	62 7 10	13	62 8 11	62 10 0	62 11 1
14	67 3 4	67 4 6	67 5 8	14	67 6 10	67 8 0	67 9 2
15	72 1 0	72 2 3	72 3 6	15	72 4 9	72 6 0	72 7 3
16	76 10 8	77 0 0	77 1 4	16	77 2 8	77 4 0	77 5 4
17	81 8 4	81 9 9	81 11 2	17	82 0 7	82 2 0	82 3 5
18	86 6 0	86 7 6	86 9 0	18	86 10 6	87 0 0	87 1 6
19	91 3 8	91 5 3	91 6 10	19	91 8 5	91 10 0	91 11 7
20	96 1 4	96 3 0	96 4 8	20	96 6 4	96 8 0	96 9 8
21	100 11 0	101 0 9	101 2 6	21	101 4 3	101 6 0	101 7 9
22	105 8 8	105 10 6	106 0 4	22	106 2 2	106 4 0	106 5 10
23	110 6 4	110 8 3	110 10 2	23	111 0 1	111 2 0	111 3 11
24	115 4 0	115 6 0	115 8 0	24	115 10 0	116 0 0	116 2 0
25	120 1 8	120 3 9	120 5 10	25	120 7 11	120 10 0	121 0 1
26	124 11 4	125 1 6	125 3 8	26	125 5 10	125 8 0	125 10 2
27	129 9 0	129 11 3	130 1 6	27	130 3 9	130 6 0	130 8 3
28	134 6 8	134 9 0	134 11 4	28	135 1 8	135 4 0	135 6 4
29	139 4 4	139 6 9	139 9 2	29	139 11 7	140 2 0	140 4 5
30	144 2 0	144 4 6	144 7 0	30	144 9 6	145 0 0	145 2 6
31	148 11 8	149 2 3	149 4 10	31	149 7 5	149 10 0	150 0 7
32	153 9 4	154 0 0	154 2 8	32	154 5 4	154 8 0	154 10 8
33	158 7 0	158 9 9	159 0 6	33	159 3 3	159 6 0	159 8 9
34	163 4 8	163 7 6	163 10 4	34	164 1 2	164 4 0	164 6 10
35	168 2 4	168 5 3	168 8 2	35	168 11 1	169 2 0	169 4 11
50	240 3 4	240 7 6	240 11 8	50	241 3 10	241 8 0	242 0 2
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.	F. I. P. S.
1	0 4 9 8	0 4 9 9	0 4 9 10	1	0 4 9 11	0 4 10 0	0 4 10 1
2	0 9 7 4	0 9 7 6	0 9 7 8	2	0 9 7 10	0 9 8 0	0 9 8 2
3	1 2 5 0	1 2 5 3	1 2 5 6	3	1 2 5 9	1 2 6 0	1 2 6 3
4	1 7 2 8	1 7 3 0	1 7 3 4	4	1 7 3 8	1 7 4 0	1 7 4 4
5	2 0 0 4	2 0 0 9	2 0 1 2	5	2 0 1 7	2 0 2 0	2 0 2 5
6	2 4 10 0	2 4 10 6	2 4 11 0	6	2 4 11 6	2 5 0 0	2 5 0 6
7	2 9 7 8	2 9 8 3	2 9 8 10	7	2 9 9 5	2 9 10 0	2 9 10 7
8	3 2 5 4	3 2 6 0	3 2 6 8	8	3 2 7 4	3 2 8 0	3 2 8 8
9	3 7 3 0	3 7 3 9	3 7 4 6	9	3 7 5 3	3 7 6 0	3 7 6 9
10	4 0 0 8	4 0 1 6	4 0 2 4	10	4 0 3 2	4 0 4 0	4 0 4 10
11	4 4 10 4	4 4 11 3	4 5 0 2	11	4 5 1 1	4 5 2 0	4 5 2 11



Length.	Area 698			Area 699			Area 700			Length.	Area 701			Area 702			Area 703				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	10	2	4	10	3	4	10	4	1	4	10	5	4	10	6	4	10	7		
2	9	8	4	9	8	6	9	8	8	2	9	8	10	9	9	0	9	9	2		
3	14	6	6	14	6	9	14	7	0	3	14	7	3	14	7	6	14	7	9		
4	19	4	8	19	5	0	19	5	4	4	19	5	8	19	6	0	19	6	4		
5	24	2	10	24	3	3	24	3	8	5	24	4	1	24	4	6	24	4	11		
6	29	1	0	29	1	6	29	2	0	6	29	2	6	29	3	0	29	3	6		
7	33	11	2	33	11	9	34	0	4	7	34	0	11	34	1	6	34	2	1		
8	38	9	4	38	10	0	38	10	8	8	38	11	4	39	0	0	39	0	8		
9	43	7	6	43	8	3	43	9	0	9	43	9	9	43	10	6	43	11	3		
10	48	5	8	48	6	6	48	7	4	10	48	8	2	48	9	0	48	9	10		
11	53	3	10	53	4	9	53	5	8	11	53	6	7	53	7	6	53	8	5		
12	58	2	0	58	3	0	58	4	0	12	58	5	0	58	6	0	58	7	0		
13	63	0	2	63	1	3	63	2	4	13	63	3	5	63	4	6	63	5	7		
14	67	10	4	67	11	6	68	0	8	14	68	1	10	68	3	0	68	4	2		
15	72	8	6	72	9	9	72	11	0	15	73	0	3	73	1	6	73	2	9		
16	77	6	8	77	8	0	77	9	4	16	77	10	8	78	0	0	78	1	4		
17	82	4	10	82	6	3	82	7	8	17	82	9	1	82	10	6	82	11	11		
18	87	3	0	87	4	6	87	6	0	18	87	7	6	87	9	0	87	10	6		
19	92	1	2	92	2	9	92	4	4	19	92	5	11	92	7	6	92	9	1		
20	96	11	4	97	1	0	97	2	8	20	97	4	4	97	6	0	97	7	8		
21	101	9	6	101	11	3	102	1	0	21	102	2	9	102	4	6	102	6	3		
22	106	7	8	106	9	6	106	11	4	22	107	1	2	107	3	0	107	4	10		
23	111	5	10	111	7	9	111	9	8	23	111	11	7	112	1	6	112	3	5		
24	116	4	0	116	6	0	116	8	0	24	116	10	0	117	0	0	117	2	0		
25	121	2	2	121	4	3	121	6	4	25	121	8	5	121	10	6	122	0	7		
26	126	0	4	126	2	6	126	4	8	26	126	6	10	126	9	0	126	11	2		
27	130	10	6	131	0	9	131	3	0	27	131	5	3	131	7	6	131	9	9		
28	135	8	8	135	11	0	136	1	4	28	136	3	8	136	6	0	136	8	4		
29	140	6	10	140	9	3	140	11	8	29	141	2	1	141	4	6	141	6	11		
30	145	5	0	145	7	6	145	10	0	30	146	0	6	146	3	0	146	5	6		
31	150	3	2	150	5	9	150	8	4	31	150	10	11	151	1	6	151	4	1		
32	155	1	4	155	4	0	155	6	8	32	155	9	4	156	0	0	156	2	8		
33	159	11	6	160	2	3	160	5	0	33	160	7	9	160	10	6	161	1	3		
34	164	9	8	165	0	6	165	3	4	34	165	6	2	165	9	0	165	11	10		
35	169	7	10	169	10	9	170	1	8	35	170	4	7	170	7	6	170	10	5		
50	242	4	4	242	8	6	243	0	8	50	243	4	10	243	9	0	244	1	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	10	2	0	4	10	3	0	4	10	4	1	0	4	10	5	0	4	10	7
2	0	9	8	4	0	9	8	6	0	9	8	8	2	0	9	9	0	0	9	9	2
3	1	2	6	6	1	2	6	9	1	2	7	0	3	1	2	7	6	1	2	7	9
4	1	7	4	8	1	7	5	0	1	7	5	4	4	1	7	6	0	1	7	6	4
5	2	0	2	10	2	0	3	3	2	0	3	8	5	2	0	4	12	0	4	6	2
6	2	5	1	0	2	5	1	6	2	5	2	0	6	2	5	3	0	2	5	3	6
7	2	9	11	2	2	9	11	9	2	10	0	4	7	2	10	1	6	2	10	2	1
8	3	2	9	4	3	2	10	0	3	2	10	8	8	3	2	11	4	3	3	0	8
9	3	7	7	6	3	7	8	3	3	7	9	0	9	3	7	9	9	3	7	11	3
10	4	0	5	8	4	0	6	6	4	0	7	4	10	4	0	8	2	1	0	9	10
11	4	5	3	10	4	5	4	9	4	5	5	8	11	4	5	6	7	4	5	8	5

Length.	Area 704			Area 705			Area 706			Length.	Area 707			Area 708			Area 709				
	Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		Feet.	F.	I. P.	F.	I.	P.	F.	I.	P.		
1	4	10	8	4	10	9	4	10	10	1	4	10	11	4	11	0	4	11	1		
2	9	9	4	9	9	6	9	9	8	2	9	9	10	9	10	0	9	10	2		
3	14	8	0	14	8	3	14	8	6	3	14	8	9	14	9	0	14	9	3		
4	19	6	8	19	7	0	19	7	4	4	19	7	8	19	8	0	19	8	4		
5	24	5	4	24	5	9	24	6	2	5	24	6	7	24	7	0	24	7	5		
6	29	4	0	29	4	6	29	5	0	6	29	5	6	29	6	0	29	6	6		
7	34	2	8	34	3	5	34	3	10	7	34	4	5	34	5	0	34	5	7		
8	39	1	4	39	2	0	39	2	8	8	39	3	4	39	4	0	39	4	8		
9	44	0	0	44	0	9	44	1	6	9	44	2	3	44	3	0	44	3	9		
10	48	19	3	48	11	6	49	0	4	10	49	1	2	49	2	0	49	2	10		
11	53	9	4	53	10	3	53	11	2	11	54	0	1	54	1	0	54	1	11		
12	58	8	0	58	9	0	58	10	0	12	58	11	0	59	0	0	59	1	0		
13	63	6	8	63	7	9	63	8	10	13	63	9	11	63	11	0	64	0	1		
14	68	5	4	68	6	6	68	7	8	14	68	8	10	68	10	0	68	11	2		
15	73	4	0	73	5	3	73	6	6	15	73	7	9	73	9	0	73	10	3		
16	78	2	8	78	4	0	78	5	4	16	78	6	8	78	8	0	78	9	4		
17	83	1	4	83	2	9	83	4	2	17	83	5	7	83	7	0	83	8	5		
18	88	0	0	88	1	6	88	3	0	18	88	4	6	88	6	0	88	7	6		
19	92	10	8	93	0	3	93	1	10	19	93	3	5	93	5	0	93	6	7		
20	97	9	4	97	11	0	98	0	8	20	98	2	4	98	4	0	98	5	8		
21	102	8	0	102	9	9	102	11	6	21	103	1	3	103	3	0	103	4	9		
22	107	6	8	107	8	6	107	10	4	22	108	0	2	108	2	0	108	3	10		
23	112	5	4	112	7	3	112	9	2	23	112	11	1	113	1	0	113	2	11		
24	117	4	0	117	6	0	117	8	0	24	117	10	0	118	0	0	118	2	0		
25	122	2	8	122	4	9	122	6	10	25	122	8	11	122	11	0	123	1	1		
26	127	1	4	127	3	6	127	5	8	26	127	7	10	127	10	0	128	0	2		
27	132	0	0	132	2	3	132	4	6	27	132	6	9	132	9	0	132	11	3		
28	136	10	8	137	1	0	137	3	4	28	137	5	8	137	8	0	137	10	4		
29	141	9	4	141	11	9	142	2	2	29	142	4	7	142	7	0	142	9	5		
30	146	8	0	146	10	6	147	1	0	30	147	3	6	147	6	0	147	8	6		
31	151	6	8	151	9	3	151	11	10	31	152	2	5	152	5	0	152	7	7		
32	156	5	4	156	8	0	156	10	8	32	157	1	4	157	4	0	157	6	8		
33	161	4	0	161	6	9	161	9	6	33	162	0	3	162	3	0	162	5	9		
34	166	2	8	166	5	6	166	8	4	34	166	11	2	167	2	0	167	4	10		
35	171	1	4	171	4	3	171	7	2	35	171	10	1	172	1	0	172	3	11		
50	244	5	4	244	9	6	245	1	8	50	245	5	10	245	10	0	246	2	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	In.	F.	I.	P.	S.	F.	I.	P.	S.
1	0	4	10	8	0	4	10	9	0	4	10	10	1	0	4	10	11	0	4	11	1
2	0	9	9	4	0	9	9	6	0	9	9	8	2	0	9	9	10	0	9	10	2
3	1	2	8	0	1	2	8	3	1	2	8	6	3	1	2	8	9	1	2	9	3
4	1	7	6	8	1	7	7	0	1	7	7	4	4	1	7	7	8	1	7	8	4
5	2	0	5	4	2	0	5	9	2	0	6	2	5	2	0	6	7	2	0	7	5
6	2	5	4	0	2	5	4	6	2	5	5	0	6	2	5	5	6	2	5	6	6
7	2	10	2	8	2	10	3	3	2	10	3	10	7	2	10	4	5	2	10	5	7
8	3	3	1	4	3	3	2	0	3	3	2	8	8	3	3	4	3	3	4	3	8
9	3	8	0	0	3	8	0	9	3	8	1	6	9	3	8	2	3	3	8	3	9
10	4	0	10	8	4	0	11	6	4	1	0	4	10	4	1	1	2	4	1	2	10
11	4	5	9	4	4	5	10	3	4	5	11	2	11	4	6	0	1	4	6	1	11

Length.	Area 710			Area 711			Area 712			Length.	Area 713			Area 714			Area 715				
Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.	Feet.	F.	I.	P.	F.	I.	P.	F.	I.	P.		
1	4	11	2	4	11	3	4	11	4	1	4	11	5	4	11	6	4	11	7		
2	9	10	4	9	10	6	9	10	8	2	9	10	10	9	11	0	9	11	2		
3	14	9	6	14	9	9	14	10	0	3	14	10	3	14	10	6	14	10	9		
4	19	8	8	19	9	0	19	9	4	4	19	9	8	19	10	0	19	10	4		
5	24	7	10	24	8	3	24	8	3	5	24	9	1	24	9	6	24	9	11		
6	29	7	0	29	7	6	29	8	0	6	29	8	6	29	9	0	29	9	6		
7	34	6	2	34	6	9	34	7	4	7	34	7	11	34	8	6	34	9	1		
8	39	5	4	39	6	0	39	6	8	8	39	7	4	39	8	0	39	8	8		
9	44	4	6	44	5	3	44	6	0	9	44	6	9	44	7	6	44	8	3		
10	49	3	8	49	4	6	49	5	4	10	49	6	2	49	7	0	49	7	10		
11	54	2	10	54	3	9	54	4	8	11	54	5	7	54	6	6	54	7	5		
12	59	2	0	59	3	0	59	4	0	12	59	5	0	59	6	0	59	7	0		
13	64	1	2	64	2	3	64	3	4	13	64	4	5	64	5	6	64	6	7		
14	69	0	4	69	1	6	69	2	8	14	69	3	10	69	5	0	69	6	2		
15	73	11	6	74	0	9	74	2	0	15	74	3	3	74	4	6	74	5	9		
16	78	10	8	79	0	0	79	1	4	16	79	2	8	79	4	0	79	5	4		
17	83	9	10	83	11	3	84	0	8	17	84	2	1	84	3	6	84	4	11		
18	88	9	0	88	10	6	89	0	0	18	89	1	6	89	3	0	89	4	6		
19	93	8	2	93	9	9	93	11	4	19	94	0	11	94	2	6	94	4	1		
20	98	7	4	98	9	0	98	10	8	20	99	0	4	99	2	0	99	3	8		
21	103	6	6	103	8	3	103	10	0	21	103	11	9	104	1	6	104	3	3		
22	108	5	8	103	7	6	108	9	4	22	108	11	2	109	1	0	109	2	10		
23	113	4	10	113	6	9	113	8	8	23	113	10	7	114	0	6	114	2	5		
24	118	4	0	118	6	0	118	8	0	24	118	10	0	119	0	0	119	2	0		
25	123	3	2	123	5	3	123	7	4	25	123	9	5	123	11	6	124	1	7		
26	128	2	4	128	4	6	128	6	8	26	128	8	10	128	11	0	129	1	2		
27	133	1	6	133	3	9	133	6	0	27	133	8	3	133	10	6	134	0	9		
28	138	0	8	138	3	0	138	5	4	28	138	7	8	138	10	0	139	0	4		
29	142	11	10	143	2	3	143	4	8	29	143	7	1	143	9	6	143	11	11		
30	147	11	0	143	1	6	148	4	0	30	143	6	6	143	9	0	148	11	6		
31	152	10	2	153	0	9	153	3	4	31	153	5	11	153	8	6	153	11	1		
32	157	9	4	158	0	0	158	2	8	32	158	5	4	158	8	0	158	10	8		
33	162	8	6	162	11	3	163	2	0	33	163	4	9	163	7	6	163	10	3		
34	167	7	8	167	10	6	168	1	4	34	168	4	2	168	7	0	168	9	10		
35	172	6	10	172	9	9	173	0	8	35	173	3	7	173	6	6	173	9	5		
50	246	6	4	246	10	6	247	2	8	50	247	6	10	247	11	0	248	3	2		
In.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	F.	I.	P.	S.	
1	0	4	11	2	0	4	11	3	0	4	11	4	1	0	4	11	5	0	4	11	7
2	0	9	10	4	0	9	10	6	0	9	10	8	2	0	9	11	0	0	9	11	2
3	1	2	9	6	1	2	9	9	1	2	10	0	3	1	2	10	6	1	2	10	9
4	1	7	8	8	1	7	9	0	1	7	9	4	4	1	7	9	8	1	7	10	4
5	2	0	7	10	2	0	8	3	2	0	8	8	5	2	0	9	1	2	0	9	11
6	2	5	7	0	2	5	7	6	2	5	8	0	6	2	5	8	6	2	5	9	6
7	2	10	6	2	2	10	6	9	2	10	7	4	7	2	10	8	6	2	10	9	1
8	3	3	5	4	3	3	6	0	3	3	6	8	8	3	3	7	4	3	3	8	8
9	3	8	4	6	3	8	5	3	3	8	6	0	9	3	8	7	6	3	8	8	3
10	4	1	3	8	4	1	4	6	4	1	5	4	10	4	1	6	2	4	1	7	10
11	4	6	2	10	4	6	3	9	4	6	4	8	11	4	6	5	7	4	6	7	5

Length.	Area 716	Area 717	Area 718	Length.	Area 719	Area 720
Feet.	F. I. P.	F. I. P.	F. I. P.	Feet.	F. I. P.	F. I. P.
1	4 11 8	4 11 9	4 11 10	1	4 11 11	5 0 0
2	9 11 4	9 11 6	9 11 8	2	9 11 10	10 0 0
3	14 11 0	14 11 3	14 11 6	3	14 11 9	15 0 0
4	19 10 8	19 11 0	19 11 4	4	19 11 8	20 0 0
5	24 10 4	24 10 9	24 11 2	5	24 11 7	25 0 0
6	29 10 0	29 10 6	29 11 0	6	29 11 6	30 0 0
7	34 9 8	34 10 3	34 10 10	7	34 11 5	35 0 0
8	39 9 4	39 10 0	39 10 8	8	39 11 4	40 0 0
9	44 9 0	44 9 9	44 10 6	9	44 11 3	45 0 0
10	49 8 8	49 9 6	49 10 4	10	49 11 2	50 0 0
11	54 8 4	54 9 3	54 10 2	11	54 11 1	55 0 0
12	59 8 0	59 9 0	59 10 0	12	59 11 0	60 0 0
13	64 7 8	64 8 9	64 9 10	13	64 10 11	65 0 0
14	69 7 4	69 8 6	69 9 8	14	69 10 10	70 0 0
15	74 7 0	74 8 3	74 9 6	15	74 10 9	75 0 0
16	79 6 8	79 8 0	79 9 4	16	79 10 8	80 0 0
17	84 6 4	84 7 9	84 9 2	17	84 10 7	85 0 0
18	89 6 0	89 7 6	89 9 0	18	89 10 6	90 0 0
19	94 5 8	94 7 3	94 8 10	19	94 10 5	95 0 0
20	99 5 4	99 7 0	99 8 8	20	99 10 4	100 0 0
21	104 5 0	104 6 9	104 8 6	21	104 10 3	105 0 0
22	109 4 8	109 6 6	109 8 4	22	109 10 2	110 0 0
23	114 4 4	114 6 3	114 8 2	23	114 10 1	115 0 0
24	119 4 0	119 6 0	119 8 0	24	119 10 0	120 0 0
25	124 3 8	124 5 9	124 7 10	25	124 9 11	125 0 0
26	129 3 4	129 5 6	129 7 8	26	129 9 10	130 0 0
27	134 3 0	134 5 3	134 7 6	27	134 9 9	135 0 0
28	139 2 8	139 5 0	139 7 4	28	139 9 8	140 0 0
29	144 2 4	144 4 9	144 7 2	29	144 9 7	145 0 0
30	149 2 0	149 4 6	149 7 0	30	149 9 6	150 0 0
31	154 1 8	154 4 3	154 6 10	31	154 9 5	155 0 0
32	159 1 4	159 4 0	159 6 8	32	159 9 4	160 0 0
33	164 1 0	164 3 9	164 6 6	33	164 9 3	165 0 0
34	169 0 8	169 3 6	169 6 4	34	169 9 2	170 0 0
35	174 0 4	174 3 3	174 6 2	35	174 9 1	175 0 0
50	248 7 4	248 11 6	249 3 8	50	249 7 10	250 0 0
In.	F. I. P. S.	F. I. P. S.	F. I. P. S.	In.	F. I. P. S.	F. I. P. S.
1	0 4 11 8	0 4 11 9	0 4 11 10	1	0 4 11 11	0 5 0 0
2	0 9 11 4	0 9 11 6	0 9 11 8	2	0 9 11 10	0 10 0 0
3	1 2 11 0	1 2 11 3	1 2 11 6	3	1 2 11 9	1 3 0 0
4	1 7 10 8	1 7 11 0	1 7 11 4	4	1 7 11 8	1 8 0 0
5	2 0 10 4	2 0 10 9	2 0 11 2	5	2 0 11 7	2 1 0 0
6	2 5 10 0	2 5 10 6	2 5 11 0	6	2 5 11 6	2 6 0 0
7	2 10 9 8	2 10 10 3	2 10 10 10	7	2 10 11 5	2 11 0 0
8	3 3 9 4	3 3 10 0	3 3 10 8	8	3 3 11 4	3 4 0 0
9	3 8 9 0	3 8 9 9	3 8 10 6	9	3 8 11 3	3 9 0 0
10	4 1 8 8	4 1 9 6	4 1 10 4	10	4 1 11 2	4 2 0 0
11	4 6 8 4	4 6 9 3	4 6 10 2	11	4 6 11 1	4 7 0 0



# SCALE OF PRICES

FOR

## TIMBER.

Price per Load.			Area.	Price per Load.			Area.	Price per Load.			Area.
£	s.	d.		£	s.	d.		£	s.	d.	
2	10	0	144	3	9	6	200	4	9	0	257
2	10	6	146	3	10	0	202	4	9	6	258
2	11	0	147	3	10	6	203	4	10	0	259
2	11	6	149	3	11	0	205	4	10	6	261
2	12	0	150	3	11	6	206	4	11	0	262
2	12	6	151	3	12	0	208	4	11	6	264
2	13	0	153	3	12	6	209	4	12	0	265
2	13	6	154	3	13	0	210	4	12	6	267
2	14	0	156	3	13	6	212	4	13	0	268
2	14	6	157	3	14	0	213	4	13	6	269
2	15	0	159	3	14	6	215	4	14	0	271
2	15	6	160	3	15	0	216	4	14	6	272
2	16	0	161	3	15	6	218	4	15	0	274
2	16	6	163	3	16	0	219	4	15	6	275
2	17	0	164	3	16	6	221	4	16	0	277
2	17	6	166	3	17	0	222	4	16	6	278
2	18	0	167	3	17	6	223	4	17	0	280
2	18	6	169	3	18	0	225	4	17	6	281
2	19	0	170	3	18	6	226	4	18	0	282
2	19	6	172	3	19	0	228	4	18	6	284
3	0	0	173	3	19	6	229	4	19	0	285
3	0	6	174	4	0	0	231	4	19	6	287
3	1	0	176	4	0	6	232	5	0	0	288
3	1	6	177	4	1	0	233	5	0	6	290
3	2	0	179	4	1	6	235	5	1	0	291
3	2	6	180	4	2	0	236	5	1	6	293
3	3	0	182	4	2	6	238	5	2	0	294
3	3	6	183	4	3	0	239	5	2	6	295
3	4	0	185	4	3	6	241	5	3	0	297
3	4	6	186	4	4	0	242	5	3	6	298
3	5	0	187	4	4	6	244	5	4	0	300
3	5	6	189	4	5	0	245	5	4	6	301
3	6	0	190	4	5	6	246	5	5	0	303
3	6	6	192	4	6	0	248	5	5	6	304
3	7	0	193	4	6	6	249	5	6	0	306
3	7	6	195	4	7	0	251	5	6	6	307
3	8	0	196	4	7	6	252	5	7	0	309
3	8	6	197	4	8	0	254	5	7	6	310
3	9	0	199	4	8	6	255	5	8	0	311

Price per Load.			Area.	Price per Load.			Area.	Price per Load.			Area.
£	s.	d.		£	s.	d.		£	s.	d.	
5	8	6	313	6	17	0	395	8	5	6	477
5	9	0	314	6	17	6	396	8	6	0	478
5	9	6	316	6	18	0	398	8	6	6	480
5	10	0	317	6	18	6	399	8	7	0	481
5	10	6	318	6	19	0	401	8	7	6	482
5	11	0	320	6	19	6	402	8	8	0	484
5	11	6	321	7	0	0	403	8	8	6	485
5	12	0	323	7	0	6	405	8	9	0	487
5	12	6	324	7	1	0	406	8	9	6	488
5	13	0	326	7	1	6	408	8	10	0	490
5	13	6	327	7	2	0	409	8	10	6	491
5	14	0	329	7	2	6	411	8	11	0	493
5	14	6	330	7	3	0	412	8	11	6	494
5	15	0	331	7	3	6	413	8	12	0	495
5	15	6	333	7	4	0	415	8	12	6	497
5	16	0	334	7	4	6	416	8	13	0	498
5	16	6	336	7	5	0	418	8	13	6	500
5	17	0	337	7	5	6	419	8	14	0	501
5	17	6	339	7	6	0	421	8	14	6	503
5	18	0	340	7	6	6	422	8	15	0	504
5	18	6	341	7	7	0	423	8	15	6	505
5	19	0	343	7	7	6	425	8	16	0	507
5	19	6	344	7	8	0	426	8	16	6	508
6	0	0	346	7	8	6	428	8	17	0	510
6	0	6	347	7	9	0	429	8	17	6	511
6	1	0	349	7	9	6	431	8	18	0	513
6	1	6	350	7	10	0	432	8	18	6	514
6	2	0	352	7	10	6	433	8	19	0	516
6	2	6	353	7	11	0	435	8	19	6	517
6	3	0	354	7	11	6	436	9	0	0	519
6	3	6	356	7	12	0	438	9	0	6	520
6	4	0	357	7	12	6	439	9	1	0	521
6	4	6	359	7	13	0	441	9	1	6	523
6	5	0	360	7	13	6	442	9	2	0	524
6	5	6	362	7	14	0	444	9	2	6	526
6	6	0	363	7	14	6	445	9	3	0	527
6	6	6	364	7	15	0	446	9	3	6	529
6	7	0	366	7	15	6	448	9	4	0	530
6	7	6	367	7	16	0	449	9	4	6	531
6	8	0	369	7	16	6	451	9	5	0	533
6	8	6	370	7	17	0	452	9	5	6	534
6	9	0	372	7	17	6	454	9	6	0	536
6	9	6	373	7	18	0	455	9	6	6	537
6	10	0	375	7	18	6	457	9	7	0	539
6	10	6	376	7	19	0	458	9	7	6	540
6	11	0	377	7	19	6	459	9	8	0	542
6	11	6	379	8	0	0	461	9	8	6	543
6	12	0	380	8	0	6	462	9	9	0	544
6	12	6	382	8	1	0	464	9	9	6	546
6	13	0	383	8	1	6	465	9	10	0	547
6	13	6	385	8	2	0	467	9	10	6	549
6	14	0	386	8	2	6	468	9	11	0	550
6	14	6	387	8	3	0	470	9	11	6	552
6	15	0	389	8	3	6	471	9	12	0	553
6	15	6	390	8	4	0	473	9	12	6	554
6	16	0	392	8	4	6	474	9	13	0	556
6	16	6	393	8	5	0	475	9	13	6	557

Price per Load.	Area.	Price per Load.	Area.	Price per Load.	Area.
£ s. d.		£ s. d.		£ s. d.	
9 14 0	559	10 13 0	614	11 12 0	668
9 14 6	560	10 13 6	615	11 12 6	670
9 15 0	562	10 14 0	616	11 13 0	671
9 15 6	563	10 14 6	618	11 13 6	673
9 16 0	565	10 15 0	619	11 14 0	674
9 16 6	566	10 15 6	621	11 14 6	675
9 17 0	567	10 16 0	622	11 15 0	677
9 17 6	569	10 16 6	624	11 15 6	678
9 18 0	570	10 17 0	625	11 16 0	680
9 18 6	572	10 17 6	626	11 16 6	681
9 19 0	573	10 18 0	628	11 17 0	683
9 19 6	575	10 18 6	629	11 17 6	684
10 0 0	576	10 19 0	631	11 18 0	686
10 0 6	578	10 19 6	632	11 18 6	687
10 1 0	579	11 0 0	634	11 19 0	688
10 1 6	580	11 0 6	635	11 19 6	690
10 2 0	582	11 1 0	637	12 0 0	691
10 2 6	583	11 1 6	638	12 0 6	693
10 3 0	585	11 2 0	640	12 1 0	694
10 3 6	586	11 2 6	641	12 1 6	696
10 4 0	588	11 3 0	642	12 2 0	697
10 4 6	589	11 3 6	644	12 2 6	698
10 5 0	591	11 4 0	645	12 3 0	700
10 5 6	592	11 4 6	647	12 3 6	701
10 6 0	593	11 5 0	648	12 4 0	703
10 6 6	595	11 5 6	650	12 4 6	704
10 7 0	596	11 6 0	651	12 5 0	706
10 7 6	598	11 6 6	652	12 5 6	707
10 8 0	599	11 7 0	654	12 6 0	709
10 8 6	601	11 7 6	655	12 6 6	710
10 9 0	602	11 8 0	657	12 7 0	711
10 9 6	604	11 8 6	658	12 7 6	713
10 10 0	605	11 9 0	660	12 8 0	714
10 10 6	606	11 9 6	661	12 8 6	716
10 11 0	608	11 10 0	663	12 9 0	717
10 11 6	609	11 10 6	664	12 9 6	719
10 12 0	611	11 11 0	665	12 10 0	720
10 12 6	612	11 11 6	667		

**CALCULATIONS ON DEALS;**  
**BEING A**  
**STANDING MEDIUM OF DEAL VALUATIONS,**  
**APPLICABLE TO ALL PARTS OF THE UNITED KINGDOM.**



## GENERAL REMARKS,

BY WAY OF EXPLANATION AND USE.

THE following calculations on Deals are taken from the actual cost of 12 feet 3 inches inferior, or second white (all the other Deals in proportion), delivered to the yard, building, or premises where the same are used; consequently, to the merchants' price will be added the carriage and contingent expenses: viz.

Suppose Deals cost from Merchant.....	£30 per hundred.
Contingent expences of Carriage, &c. ...	2
Prime Cost .....	£32

This being ascertained, look under the head of Cost £32 per hundred, or in like manner any other price per hundred, and you will find the prime cost per square, reckoning 13 twelve-feet deals to the square, under any of the titles applicable to the articles you are about to value; which being for prime cost, sawing and waste may be placed in the margin of your book, to which adding profit, labour, and nails, you have a correct price per square. The price per hundred commences at £20 and ends at £50, with the increased ratio of £6 per hundred to each Table, in order to meet the fluctuation of the article in peace or war.

The column A is a general average for day-work, reckoning a deal 12 feet long and 9 inches wide, and the column B is for neat measure in day-work, where the waste is allowed for in price. Column C is the same as B, with the addition of labour and nails, as a general standard for measured work in the rough. The eight columns under the head of Day-Work, is providing for all the shapes in which deals can be used in the day accounts; and to which, as well as Columns A, B, and C, profit is included. And the eight other columns is rendering the calculations applicable for the retail of deals.

The heads of the deal prices per hundred being taken from the inferior or second white deals, and as the deals are made a general average of in all the classifications, except those by the square of 100 feet superficial, it becomes essential to explain how persons who prefer charging the best white or best yellow deals, may be able to do so. Suppose then, that the best white deals cost £44 per hundred, the prices under that head being an average of the quality, will not answer for the price of best white deals exclusively; but the prices under the next following head of £50 per hundred, will answer for best deals when the best white deals are at £44 per hundred. And in like manner in all the Tables, looking to the next Table beyond the head which bears the price paid for best deals, will be found the price for them (although under the head of average); so when others prefer charging the second deals separate, they, by a similar method, will look back to the Table whose head bears the title of £6 per hundred less than the price they pay for such deals, and the prices will then also (although under the head of average) be proper for such second deals. The measure work, by the square of 100 feet superficial, is expressly separated under the classification of second and best deals and average thereof, because some cases occur to make it useful. Here follows the way in which the head or price to the Table is found, namely:

Best Deals .....	£47 per hundred.
Second do. ....	41

Half..... £88 is £44.

Of course look to the Table whose head is £44 per hundred.

Persons who do not like the trouble of charging white and yellow deals separately, will find in column A, a general price per foot superficial in day work. There will occasionally appear a small disproportion between the sawed and the thick deals; but it is occasioned by sometimes sawing from timber stuff, sometimes by the consolidating of fractional figures, with a view that the three-inch should actually hold a good thickness. There is an additional *3d.* on the price of each deal, and *3s. 3d.* on the price per hundred superficial, on the bottom line. The columns of yellow deal will answer for battens, averaging 20 battens to the square; but if 22 to a square, or bare  $5\frac{1}{2}$ -inch gauge, then add in proportion.

Auctioneers and Brokers, by knowing the current price per hundred, and looking in the division of the foregoing Tables, under the head of 100 superficial feet per square, in which will be found the value of new materials in the rough, under all the thicknesses, will have a fair comparative view of the value to comment upon; and in all other cases of doors, shutters, shelves, closets, &c. &c. that are selling either by the foot superficial, or in a gross sum. Upon referring to the division under the head of Merchants' Retail Price sawed in thicknesses, the price affixed under the head of white deals per foot superficial, will at all times afford a fair criterion for inside and for outside work; the yellow deal per foot superficial will be equally a guide. It will be easy in all cases to discriminate, according to the state of materials, what proportion it bears to the new. Perhaps a deduction of one-third is at least necessary under the most favourable circumstances.

The application of the division, under the head of Merchants' Retail Price sawed in thicknesses, to the division marked M, will amply provide for the various ways in which deals are retailed; and it will at the same time afford an opportunity to the Surveyors, Carpenters, and others concerned in deal valuations, to see at one view the prime cost of the deals as sawed out in the several thicknesses, and of which they may avail themselves as circumstances occur. The jobbing Carpenter, who occasionally purchases deals in small quantities, will have no difficulty in finding out at what price he purchases them; and accordingly, under whatever price contained in the Merchants' division he is to pay for them, he will only have to look in the division preceding thereto, and at one view will be found the price he wants. Example: the Carpenter purchases some inch deals of the Merchant, for which he charges him (12 feet whites) *2s. 4d.* each; he then looks in the Merchants' divisions, and finds 12 feet; inch whites, at *2s. 4d.* each, are under the head of *thirty-eight* pounds per hundred. Upon looking in the next division, marked M, he finds the same deal is *3s.*, and applies this rule in all other cases. The profit may, in some cases, appear rather high; but it should be considered, the Carpenter never consumes the smallest quantity of deal about which he has not had some previous trouble; and it should be borne in mind, that the prices are calculated so, that for prompt payment, a discount of 5 per cent. may be made to the employer.

The Merchants' Retail Prices, sawed in Thicknesses.									
For Deals at £20 per Hundred.									
IN DAY WORK, With Profit, exclusive of Labour, Waste, or Nails.									
At per Foot Superf.		Average.		White Deals.		Yellow Deals.		With Profit, exclusive of Labour, Waste, or Nails.	
White Deals.		Yellow Deals.		White Deals.		Yellow Deals.		With Profit, exclusive of Labour, Waste, or Nails.	
Sec'd.		Best.		Sec'd.		Best.		Sec'd.	
s. d.		s. d.		s. d.		s. d.		s. d.	
1		2		3		4		5	
1	17 9	20 10	22 2	23 9	0 5	0 4	0 4	0 4	0 4
1	21 2	22 9	26 3	28 3	0 3	0 3	0 3	0 3	0 3
2	28 2	30 0	34 3	36 6	0 4	0 4	0 4	0 4	0 4
2	35 0	37 6	42 6	46 0	0 4	0 6	0 7	0 8	0 8
3	42 0	45 0	54 0	59 0	0 5	0 7	0 8	0 9	0 9
Measured Work, without Profit.									
Measured and Day Work, with Profit.									
Common Average of Deals, with Profit.									
These Prices are from the Average Quality of Deals.									



For Deals at £32 per Hundred.										For Deals at £38 per Hundred.									
The Merchants' Retail Price sawed in Thicknesses.										The Merchants' Retail Price sawed in Thicknesses.									
White Deals.					Yellow Deals.					White Deals.					Yellow Deals.				
Per Foot.		Per Foot.			Per Foot.		Per Foot.			Per Foot.		Per Foot.			Per Foot.		Per Foot.		
Twel.	Tens.	Run.	Suppl.	Twel.	Tens.	Run.	Suppl.	Twel.	Tens.	Run.	Suppl.	Twel.	Tens.	Run.	Suppl.	Twel.	Tens.	Run.	Suppl.
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1 15	1 16	1 18	1 19	1 11	1 13	1 14	1 15	1 16	1 17	1 18	1 19	1 20	1 21	1 22	1 23	1 24	1 25	1 26	1 27
1 18	1 19	1 21	1 22	1 23	1 24	1 25	1 26	1 27	1 28	1 29	1 30	1 31	1 32	1 33	1 34	1 35	1 36	1 37	1 38
1 24	1 26	1 29	1 31	1 32	1 33	1 34	1 35	1 36	1 37	1 38	1 39	1 40	1 41	1 42	1 43	1 44	1 45	1 46	1 47
1 29	1 35	1 36	1 39	1 40	1 41	1 42	1 43	1 44	1 45	1 46	1 47	1 48	1 49	1 50	1 51	1 52	1 53	1 54	1 55
1 35	1 38	1 43	1 46	1 47	1 48	1 49	1 50	1 51	1 52	1 53	1 54	1 55	1 56	1 57	1 58	1 59	1 60	1 61	1 62
1 46	1 49	1 56	1 60	1 61	1 62	1 63	1 64	1 65	1 66	1 67	1 68	1 69	1 70	1 71	1 72	1 73	1 74	1 75	1 76
1 58	1 62	1 70	1 76	1 77	1 78	1 79	1 80	1 81	1 82	1 83	1 84	1 85	1 86	1 87	1 88	1 89	1 90	1 91	1 92
1 69	1 75	1 83	1 91	1 92	1 93	1 94	1 95	1 96	1 97	1 98	1 99	2 00	2 01	2 02	2 03	2 04	2 05	2 06	2 07
Measured Work without Profit.										Measured and Day Work, with Profit.									
Common Average of Deals, with Profit.										Common Average of Deals, with Profit.									
These Prices are from the Average Quality of Deals.										These Prices are from the Average Quality of Deals.									



IN DAY WORK, With Profit, exclusive of Labour, Waste, or Nails.										The Merchants' Retail Prices sawed in Thicknesses.																			
At per Foot Superf.										For Deals at £44 per Hundred.																			
Average.					Yellow Deals.					White Deals.					Yellow Deals.														
Day Work.		Meas. Work.			Per Foot.					Per Foot.					Per Foot.														
A		B		C		Twel.		Run.		Suppl.		Twel.		Run.		Suppl.		Twel.		Run.		Suppl.							
s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.						
21 11	22 10	25 8	27 7	0 3	0 5	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1						
25 8	27 7	31 5	34 3	0 4	0 6	2 2	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1	2 0	2 1						
34 3	36 2	40 11	43 10	0 5	0 7	3 6	2 11	0 3	4 4	2 3	6 0	4 1	0 5	2 9	2 3	0 3	3 3	2 9	0 3	3 3	2 9	0 3	4 1						
40 11	47 2	50 6	54 4	0 6	0 8	4 1	3 5	0 4	0 5	5 3	4 5	0 5	0 7	3 5	2 10	0 3	4 1	4 0	3 4	0 3	4 0	0 3	5 1						
48 7	52 5	60 0	64 9	0 7	0 9	4 10	4 0	0 4	0 6	5 9	4 10	0 5	0 7	3 10	3 20	0 3	4 10	4 1	4 0	3 6	0 3	5 1							
64 9	68 7	78 2	83 10	0 9	0 11	6 6	5 5	0 6	0 8	8 8	6 10	0 8	0 11	5 1	4 30	5 0	6 3	5 3	6 0	5 3	6 0	5 3	6 1						
80 0	85 9	97 3	104 10	0 10	1 1	7 10	6 7	0 7	0 9	9 9	8 20	0 9	1 1	6 4	5 30	6 1	7 10	6 6	7 0	6 0	7 0	6 1	7 0						
95 4	101 10	119 7	130 0	1 3	1 4	9 6	7 11	0 9	1 0	12 0	10 0	1 0	1 1	7 4	6 20	7 1	9 4	7 10	7 0	7 10	9 1	1 0	1 0						
Measured and Day Work, with Profit.										Common Average of Deals, with Profit.										These Prices are from the Average Quality of Deals.									
Measured Work without Profit.										Measured and Day Work, with Profit.										Measured and Day Work, with Profit.									
s.		d.		s.		d.		s.		d.		s.		d.		s.		d.		s.		d.		s.					
24 11	26 0	29 3	31 5	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4					
29 3	31 5	35 3	39 0	0 4	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5	0 5					
39 0	41 2	46 7	49 10	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6					
46 8	52 11	57 5	61 9	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7					
55 3	59 7	68 3	73 8	0 7	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8					
73 8	78 0	88 10	95 4	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10	0 10					
91 0	97 6	110 6	119 2	0 11	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3	1 3					
108 4	114 10	132 7	143 0	1 4	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6					

THE MEASURE AND WEIGHT  
OF  
PETERSBURGH AND NORWAY STANDARD DEALS,  
FROM 1 TO 120 DEALS.

RUSSIA STANDARD DEALS, With their Average Weight.															
Standard Deals.	Cube Measure.			Red Deals.			White Deals.			Mixed.					
	F.	I.	P.	T. cwt. qrs. lbs.			T. cwt. qrs. lbs.			T. cwt. qrs. lbs.					
1	1	4	6	0	0	1 22	0	0	1 17	0	0	1 19 $\frac{1}{2}$			
2	2	9	0	0	0	3 16	0	0	3 6	0	0	3 11			
3	4	1	6	0	1	1 10	0	1	0 23	0	1	1 2 $\frac{1}{2}$			
4	5	6	0	0	1	3 4	0	1	2 12	0	1	2 22			
5	6	10	6	0	2	0 26	0	2	0 1	0	2	0 13 $\frac{1}{2}$			
6	8	3	0	0	2	2 20	0	2	1 18	0	2	2 5			
7	9	7	6	0	3	0 14	0	2	3 7	0	2	3 24 $\frac{1}{2}$			
8	11	0	0	0	3	2 8	0	3	0 24	0	3	1 16			
9	12	4	6	0	4	0 2	0	3	2 13	0	3	3 7 $\frac{1}{2}$			
10	13	9	0	0	4	1 24	0	4	0 2	0	4	0 27			
20	27	6	0	0	8	3 20	0	8	0 4	0	8	1 26			
30	41	3	0	0	13	1 16	0	12	0 6	0	12	2 25			
40	55	0	0	0	17	3 12	0	16	0 8	0	16	3 24			
50	68	9	0	1	2	1 8	1	0	0 10	1	1	0 23			
60	82	6	0	1	6	3 4	1	4	0 12	1	5	1 22			
90	123	9	0	2	0	0 20	1	16	0 18	1	18	0 19			
120	165	0	0	2	13	2 8	2	8	0 24	2	10	3 16			

NORWAY STANDARD DEALS, With their Average Weight.															
Standard Deals.	Cube Measure.			Red Deals.			White Deals.			Mixed.					
	F.	I.	P.	T. cwt. qrs. lbs.			T. cwt. qrs. lbs.			T. cwt. qrs. lbs.					
1	2	3	0	0	0	3 1	0	0	2 20	0	0	2 24 $\frac{1}{2}$			
2	4	6	0	0	1	2 2	0	1	1 12	0	1	1 21			
3	6	9	0	0	2	1 3	0	2	0 4	0	2	0 17 $\frac{1}{2}$			
4	9	0	0	0	3	0 4	0	2	2 24	0	2	3 14			
5	11	3	0	0	3	3 5	0	3	1 16	0	3	2 10 $\frac{1}{2}$			
6	13	6	0	0	4	2 6	0	4	0 8	0	4	1 7			
7	15	9	0	0	5	1 7	0	4	3 0	0	5	0 3 $\frac{1}{2}$			
8	18	0	0	0	6	0 8	0	5	1 20	0	5	3 0			
9	20	3	0	0	6	3 9	0	6	0 12	0	6	1 24 $\frac{1}{2}$			
10	22	6	0	0	7	2 10	0	6	3 4	0	7	0 21			
20	45	0	0	0	15	0 20	0	13	2 8	0	14	1 14			
30	67	6	0	1	2	3 2	1	0	1 12	1	1	2 7			
40	90	0	0	1	10	1 12	1	7	0 16	1	8	3 0			
50	112	6	0	1	17	3 22	1	13	3 20	1	15	3 21			
60	135	0	0	2	5	2 4	2	0	2 24	2	5	0 14			
90	202	6	0	3	8	1 6	3	1	0 8	3	4	2 21			
120	270	0	0	4	11	0 8	4	1	1 20	4	6	1 0			

THE SPECIFIC GRAVITY OR WEIGHT  
OF  
VARIOUS SORTS OF TIMBER,  
FROM 1 TO 900 CUBICAL FEET.

MAHOGANY AND BOX.				DRY OAK.			
Cube Feet.	Units.	Tens.	Hundreds.	Cube Feet.	Units.	Tens.	Hundreds.
	C. qr. lb.	T. C. qr. lb.	T. C. qr. lb.		C. qr. lb.	T. C. qr. lb.	T. C. qr. lb.
1	0 2 9	0 5 3 6	2 18 0 4	1	0 2 2	0 5 0 20	2 11 3 4
2	1 0 18	0 11 2 12	5 16 0 8	2	1 0 4	0 10 1 12	5 3 2 8
3	1 2 27	0 17 1 18	8 14 0 12	3	1 2 6	0 15 2 4	7 15 1 12
4	2 1 8	1 3 0 24	11 12 0 16	4	2 0 8	1 0 2 24	10 7 0 16
5	2 3 17	1 9 0 2	14 10 0 20	5	2 2 10	1 5 3 16	12 18 3 20
6	3 1 26	1 14 3 8	17 8 0 24	6	3 0 12	1 11 0 8	15 10 2 24
7	4 0 7	2 0 2 14	20 6 1 0	7	3 2 14	1 16 1 0	18 2 2 0
8	4 2 16	2 6 1 20	23 4 1 4	8	4 0 16	2 1 1 20	20 14 1 4
9	5 0 25	2 12 0 26	26 2 1 8	9	4 2 18	2 6 2 12	23 6 0 8
BEECH AND ASH.				WALNUT, PEAR TREE, AND YELLOW FIR.			
Cube Feet.	Units.	Tens.	Hundreds.	Cube Feet.	Units.	Tens.	Hundreds.
	C. qr. lb.	T. C. qr. lb.	T. C. qr. lb.		C. qr. lb.	T. C. qr. lb.	T. C. qr. lb.
1	0 1 25	0 4 2 26	2 7 1 8	1	0 1 14	0 3 3 0	1 17 2 0
2	0 3 22	0 9 1 24	4 14 2 16	2	0 3 0	0 7 2 0	3 15 0 0
3	1 1 19	0 14 0 22	7 1 3 24	3	1 0 14	0 11 1 0	5 12 2 0
4	1 3 16	0 18 3 20	9 9 1 4	4	1 2 0	0 15 0 0	7 10 0 0
5	2 1 13	1 3 2 18	11 16 2 12	5	1 3 14	0 18 3 0	9 7 2 0
6	2 3 10	1 8 1 16	14 3 3 20	6	2 1 0	1 2 2 0	11 5 0 0
7	3 1 7	1 13 0 14	16 11 1 0	7	2 2 14	1 6 1 0	13 2 2 0
8	3 3 4	1 17 3 12	18 18 2 8	8	3 0 0	1 10 0 0	15 0 0 0
9	4 1 1	2 2 2 10	21 5 3 16	9	3 1 14	1 13 3 0	16 17 2 0
CHESTNUT, SYCAMORE, AND LIME TREE.				CEDAR, WILLOW, AND WHITE FIR.			
Cube Feet.	Units.	Tens.	Hundreds.	Cube Feet.	Units.	Tens.	Hundreds.
	C. qr. lb.	T. C. qr. lb.	T. C. qr. lb.		C. qr. lb.	T. C. qr. lb.	T. C. qr. lb.
1	0 1 10	0 3 1 16	1 13 3 20	1	0 1 8	0 3 0 24	1 12 0 16
2	0 2 20	0 6 3 4	3 7 3 12	2	0 2 16	0 6 1 20	3 4 1 4
3	1 0 2	0 10 0 20	5 1 3 4	3	0 3 24	0 9 2 16	4 16 1 20
4	1 1 12	0 13 2 8	6 15 2 24	4	1 1 4	0 12 3 12	6 8 2 8
5	1 2 22	0 16 3 24	8 9 2 16	5	1 2 12	0 16 0 8	8 0 2 24
6	2 0 4	1 0 1 12	10 3 2 8	6	1 3 20	0 19 1 4	9 12 3 12
7	2 1 14	1 3 3 0	11 17 2 0	7	2 1 0	1 2 2 0	11 5 0 0
8	2 2 24	1 7 0 16	13 11 1 20	8	2 2 8	1 5 2 24	12 17 0 16
9	3 0 6	1 10 2 4	15 5 1 12	9	2 3 16	1 8 3 20	14 9 1 4

A TABLE, shewing the Standard Deals equal to any number of Feet and Load of Timber, from 1 Foot to 400 Loads, in all the Ports of Russia, Prussia, Sweden, Christiana, and Dram in Norway, calculated to the 66th, 55th, 60th, and 108th part of a Deal.

Feet.	Loads of Timber.	Russian Standd. 12 Feet, 1½ Inch. 11 Inches wide.		Christiana, 11 Feet, 1¼ Inch. 9 Inches wide.		Dram, 10 Feet, 1½ Inch. 9 Inches wide.		London, 12 Feet, 3 Inch. 9 Inches wide.	
		Deals.	pts.	Deals.	pts.	Deals.	pts.	Deals.	pts.
1	..	0	48	1	9	1	4	0	48
2	..	1	30	2	18	2	8	0	96
3	..	2	12	3	27	3	12	1	36
4	..	2	60	4	36	4	16	1	84
5	..	3	42	5	45	5	20	2	24
6	..	4	24	6	54	6	24	2	72
7	..	5	6	8	8	7	28	3	12
8	..	5	54	9	17	8	32	3	60
9	..	6	36	10	26	9	36	4	0
10	..	7	18	11	35	10	40	4	48
20	..	14	36	23	15	21	20	8	96
30	..	21	54	34	50	32	0	13	36
40	..	29	6	46	30	42	40	17	84
..	1	36	24	58	10	53	20	22	24
..	2	72	48	116	20	106	40	44	48
..	3	109	6	174	30	160	0	66	72
..	4	145	30	232	40	213	20	88	96
..	5	181	54	290	50	266	40	111	12
..	6	218	12	349	5	320	9	133	36
..	7	254	36	407	15	373	20	155	60
..	8	290	60	465	25	426	40	177	84
..	9	327	18	523	35	480	0	200	0
..	10	363	42	581	45	533	20	222	24
..	20	727	18	1163	35	1066	40	444	48
..	30	1090	60	1745	25	1600	0	666	72
..	40	1454	36	2327	15	2133	20	888	96
..	50	1818	12	2909	5	2666	40	1111	12
..	100	3636	24	5818	10	5333	20	2222	24
..	200	7272	48	11636	20	10666	40	4444	48
..	300	10909	6	17454	30	16000	0	6666	72
..	400	14545	30	23272	40	21200	20	8888	96

The foregoing Table shews the proportion that the deals of one place have with those of another, in the stowage of a ship; and by knowing how many loads of Timber a ship will stow, you have the quantity equal thereto, at those places respectively.

#### EXAMPLE.

Suppose a ship stows a cargo of timber, which, when measured, amounts to 324 loads, what number of Standard Deals are equal thereto, of Russia, Christiana, Dram, and in London, respectively?

In the Table against	Loads.	Stands	Russia.		Christiana.		Dram.		London.	
			Deals.	pts.	Deals.	pts.	Deals.	pts.	Deals.	pts.
}	300	}	10909	6	17454	30	16000	0	6666	72
	20		727	18	1163	35	1066	40	444	48
	4		145	30	232	40	213	20	1	84
	324		11781	54	18850	50	17280	0	7112	96

Answer: 324 loads of timber are equal to 11781 deals, 54 parts of Russia Standard; 18850 deals, 50 parts, of Christiana; 17280 deals of Dram; and 7112 deals, 96 parts, of London Standard.



## ON THE

## STRENGTH AND STRESS OF TIMBER.

A PIECE of good Oak, an inch square and a yard long, supported at both ends, will bear in the middle, for a short time, about 325lbs. avoirdupois; but will break with more than that weight. This is at a medium; for there are some pieces that will carry something more, and others not so much: but such a piece of wood should not, in practice, be trusted for any length of time with above a third or a fourth of that weight. For since this is the extreme weight which the best wood will bear, that of the worse sort must break with it. For we have found by experience, that there is a great deal of difference in strength in different pieces of the very same tree. Some pieces I have found would not bear half the weight that others would do; the wood of the boughs and branches is far weaker than that of the body; the wood of the great limbs are stronger than that of the small ones; and the wood in the heart of a sound tree is strongest of all. A piece of timber which has borne a great weight for a small time, is broken with a less weight when left upon it for a far longer time. Wood is also weaker when it is green, and strongest when thoroughly dried, and should be two or three years old at least. If wood happens to be sappy, it will be weaker upon that account, and will likewise decay sooner. Knots in wood weaken it very much, and often cause it to break: also when wood is cross-grained, as it often happens in sawing, this will weaken it, according as it runs more or less across the grain. And I have found that tough wood across the grain, such as Elm or Ash, is 7, 8, or 10 times weaker than straight; and wood that easily splits, such as Fir, is 16, 18, or 20 times weaker; and for common use it is hardly possible to find wood which is not subject to some of these things. Besides, when timber lies long in a building, it is apt to decay or be worm-eaten, which must needs very much impair its strength. From all which it appears, that a large allowance ought to be made for the strength of wood when applied to any use, especially when it is designed to continue for a long time.

The proportion of the strength of several sorts of wood and other bodies that have tried, will appear as under.

Box, Yew, Plumtree, and Oak.....	11
Elm, Ash .....	8 $\frac{1}{2}$
Walnut, Thorn.....	7 $\frac{1}{2}$
Red Fir, Hollin, Elder, Plane.....	} 7
Crab-tree and Apple-tree.....	
Beech, Cherry-tree, and Hazel.....	6 $\frac{2}{3}$
Alder, Asp, Birch, and White Fir.....	6
Iron.....	107
Brass.....	50
Bone.....	22
Lead.....	6 $\frac{1}{5}$
Fine Free Stone.....	1

The roof of Westminster Hall, built in 1399, is formed of Sweet Chestnut, which probably grew in the neighbourhood, as the site of London was formerly a chestnut grove, of spontaneous growth; yet the use of this fast-growing timber, which succeeds in the most barren soils, is unknown in our dock-yards, as is that of the Ash, for the purpose of ship building, although its utility is so well known for agricultural and other purposes; and as it contains much less gallic acid than the Oak or even the Chestnut, it would be less destructive to iron; and being so decidedly superior in strength to any native wood, together with its length and clearness of ligneous fibre, is not only peculiarly applicable for plank, but superiorly adapted for thick stuff in the curve of the wale round the bows and buttocks of a ship, as may be seen in the run of a wheel, which is a whole circle out of one piece: it is also admirably calculated, if properly prepared, for masts, which would not only be more elastic, but enabled to recover itself, and infinitely more lasting, at much less expense than those we precariously procure from foreign countries.

## BRICK WORK

Reduced to Rods and Yards, from superficial Feet, with the number of Bricks required.

BRICK THICK.							
Supfcl. Feet.	Rods.	Qrs.	F.	I.	Yards.	F.	No. of Bricks.
1	0	0	0	8	0	1	11
2	0	0	1	4	0	2	22
3	0	0	2	0	0	3	33
4	0	0	2	8	0	4	44
5	0	0	3	4	0	5	55
6	0	0	4	0	0	6	66
7	0	0	4	8	0	7	77
8	0	0	5	4	0	8	88
9	0	0	6	0	1	0	99
10	0	0	6	8	1	1	110
20	0	0	13	4	2	2	220
30	0	0	20	0	3	3	330
40	0	0	26	8	4	4	440
50	0	0	33	4	5	5	550
60	0	0	40	0	6	6	660
70	0	0	46	8	7	7	770
80	0	0	53	4	8	8	880
90	0	0	60	0	10	0	990
100	0	0	66	8	11	1	1100
200	0	1	65	4	22	2	2200
300	0	2	64	0	33	3	3300
400	0	3	62	8	44	4	4400
500	1	0	61	4	55	5	5500
600	1	1	60	0	66	6	6600
700	1	2	58	8	77	7	7700
800	1	3	57	4	88	8	8800
900	2	0	56	0	100	0	9900
1000	2	1	54	8	111	1	11000
2000	4	3	41	4	222	2	22000
5000	12	1	1	4	555	5	55000

82 Paving Bricks laid on edge, will pave the superficial yard.

32 laid flat, will do the same.

A Paving Brick is 9 inches long,  $4\frac{1}{2}$  inches wide, and  $1\frac{3}{4}$  inch thick; will weigh about 3lbs. 13 ounces; specific gravity of one foot, cube, 125lbs.; 45 will weigh a ton.

17 Bricks to each reduced foot of Brick Work.

$408\frac{2}{3}$  feet of Brick thick is a rod.

A rod of Brick Work is 306 cube feet, and will weigh 13 tons.

To reduce cube feet to the standard thickness of  $1\frac{1}{2}$  brick, multiply by 8, and divide by 9.

BRICK AND HALF THICK.							
Supfcl. Feet.	Rods.	Qrs.	F.	I.	Yards.	F.	No. of Bricks.
1	0	0	1	0	0	1½	16½
2	0	0	2	0	0	3	33
3	0	0	3	0	0	4½	49½
4	0	0	4	0	0	6	66
5	0	0	5	0	0	7½	82½
6	0	0	6	0	1	0	99
7	0	0	7	0	1	1½	115½
8	0	0	8	0	1	3	132
9	0	0	9	0	1	4½	148½
10	0	0	10	0	1	6	165
20	0	0	20	0	3	3	330
30	0	0	30	0	5	0	495
40	0	0	40	0	6	6	660
50	0	0	50	0	8	3	825
60	0	0	60	0	10	0	990
70	0	1	2	0	11	6	1155
80	0	1	12	0	13	3	1320
90	0	1	22	0	15	0	1485
100	0	1	32	0	16	6	1650
200	0	2	64	0	33	3	3300
300	1	0	28	0	50	0	4950
400	1	1	60	0	66	6	6600
500	1	3	24	0	83	3	8250
600	2	0	56	0	100	0	9900
700	2	2	20	0	116	6	11550
800	2	3	52	0	133	3	13200
900	3	1	16	0	150	0	14850
1000	3	2	48	0	166	6	16500
2000	7	1	23	0	333	3	33000
5000	18	1	36	0	833	3	82500

450 Bricks, allowing for waste, will build one Rod of Brick Work, being  $272\frac{1}{4}$  superficial feet, at  $1\frac{1}{2}$  Brick thick or  $13\frac{1}{2}$  Inches, which is considered the standard thickness to which all Brick Work must be reduced.

A Stock Brick is  $8\frac{3}{4}$  Inches long,  $4\frac{1}{4}$  Inches wide, and  $2\frac{1}{2}$  Inches thick. Each Brick weighs about 4 lbs. 15 ounces. 53 Bricks on edge to one Yard Superficial of Paving, and 36 flat to ditto.

## BRICK WORK.

Two Bricks Thick.							
Superf. Feet.	Rods.	Qrs.	F.	I.	Yards.	F.	No. of Bricks.
1	0	0	1	4	0	2	22
2	0	0	2	8	0	4	44
3	0	0	4	0	0	6	66
4	0	0	5	4	0	8	88
5	0	0	6	8	1	1	110
6	0	0	8	0	1	3	132
7	0	0	9	4	1	5	154
8	0	0	10	8	1	7	176
9	0	0	12	0	2	0	198
10	0	0	13	4	2	2	220
20	0	0	26	8	4	4	440
30	0	0	40	0	6	6	660
40	0	0	53	4	8	8	880
50	0	0	66	8	11	1	1100
60	0	1	12	0	13	4	1320
70	0	1	25	4	15	5	1540
80	0	1	38	8	17	7	1760
90	0	1	52	0	20	0	1980
100	0	1	65	4	22	2	2200
200	0	2	62	8	44	4	4400
300	1	1	60	0	66	6	6600
400	1	3	57	4	88	8	8800
500	2	1	54	8	111	1	11000
600	2	3	52	0	133	3	13200
700	3	1	49	4	155	5	15400
800	3	3	46	8	177	7	17600
900	4	1	44	0	200	0	19800
1000	4	3	41	4	222	2	22000
2000	9	3	14	8	444	4	44000
5000	24	2	2	8	1111	1	110000

THE Value of a Rod of Brick Work, from 1d. to 1s. 2d. per Foot, and also the Price of a Foot, from £1 2s. 8d. per Rod, to £15 17s. 4d.

Per Foot.	Per Rod.			Per Foot.	Per Rod.			Per Foot.	Per Rod.			Per Foot.	Per Rod.		
<i>d.</i>	£	<i>s.</i>	<i>d.</i>	<i>d.</i>	£	<i>s.</i>	<i>d.</i>	<i>d.</i>	£	<i>s.</i>	<i>d.</i>	<i>d.</i>	£	<i>s.</i>	<i>d.</i>
1	1	2	8	3½	3	19	4	6	6	16	0	9½	10	15	4
1¼	1	8	4	3¾	4	5	0	6¼	7	1	8	10	11	6	8
1½	1	14	0	4	4	10	8	6½	7	7	4	10½	11	18	0
1¾	1	19	8	4¼	4	16	4	6¾	7	13	0	11	12	9	4
2	2	5	4	4½	5	2	0	7	7	18	8	11½	13	0	8
2¼	2	11	0	4¾	5	7	8	7¼	8	4	4	12	13	12	0
2½	2	16	8	5	5	13	4	7½	8	10	0	12½	14	3	4
2¾	3	2	4	5¼	5	19	0	8	9	1	4	13	14	14	8
3	3	8	0	5½	6	4	8	8½	9	12	8	13½	15	6	0
3¼	3	13	8	5¾	6	10	4	9	10	4	0	14	15	17	4



TWO BRICKS AND A HALF THICK.							
Superf. Feet.	Rods.	Qrs.	F.	I.	Yards.	F.	No. of Bricks.
1	0	0	1	8	0	2½	27½
2	0	0	3	4	0	5	55
3	0	0	5	0	0	7½	82½
4	0	0	6	8	1	1	110
5	0	0	8	4	1	3½	137½
6	0	0	10	0	1	6	165
7	0	0	11	8	1	8½	192½
8	0	0	13	4	2	2	220
9	0	0	15	0	2	4½	247½
10	0	0	16	8	2	7	275
20	0	0	33	4	5	5	550
30	0	0	50	0	8	3	825
40	0	0	66	8	11	1	1100
50	0	1	15	4	13	8	1375
60	0	1	32	0	16	6	1650
70	0	1	48	8	19	4	1925
80	0	1	65	4	22	2	2200
90	0	2	14	0	25	0	2475
100	0	2	30	8	27	7	2750
200	1	0	61	4	55	5	5500
300	1	3	24	0	83	3	8250
400	2	1	54	8	111	1	11000
500	3	0	17	4	138	8	13750
600	3	2	48	0	166	6	16500
700	4	1	10	8	194	4	19250
800	4	3	41	4	222	2	22000
900	5	2	4	0	250	0	24750
1000	6	0	34	8	277	7	27500
2000	12	1	1	4	555	5	55000
5000	30	2	37	4	1388	8	137500

THE Value of reduced Brick Work, calculated at the several prices of £3 5s., £3 10s., £3 15s., £4., £4 5s., and £4 10s. per Rod, for mortar, labour, scaffolding, and of Bricks from £1 10s. to £2 10s. per thousand, allowing 4500 Bricks to a Rod.

Bricks per Thousand.	Mortar and labour £3 5s. per Rod.	Mortar and labour £3 10s. per Rod.	Mortar and labour £3 15s. per Rod.	Mortar and labour £4 0s. per Rod.	Mortar and labour £4 5s. per Rod.	Mortar and labour £4 10s. per Rod.
£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.
1 10	10 0	10 5	10 10	10 15	11 0	11 5
1 14	10 18	11 3	11 8	11 13	11 18	12 3
1 16	11 7	11 12	11 17	12 2	12 7	12 12
2 0	12 5	12 10	12 15	13 0	13 5	13 10
2 2	12 14	12 19	13 4	13 9	13 14	13 19
2 4	13 3	13 8	13 13	13 18	14 3	14 8
2 6	13 12	13 17	14 2	14 7	14 12	14 17
2 8	14 1	14 6	14 11	14 16	15 1	15 6
2 10	14 10	14 15	15 0	15 5	15 10	15 15

A TABLE for reducing Superficial Feet  
into Superficial Yards.

Feet.	Yds. Ft.	Feet.	Yds. Ft.
1	0 1	200	22 2
2	0 2	300	33 3
3	0 3	400	44 4
4	0 4	500	55 5
5	0 5	600	66 6
6	0 6	700	77 7
7	0 7	800	88 8
8	0 8	900	100 0
9	1 0	1000	111 1
10	1 1	2000	222 2
20	2 2	3000	333 3
30	3 3	4000	444 4
40	4 4	5000	555 5
50	5 5	6000	666 6
60	6 6	7000	777 7
70	7 7	8000	888 8
80	8 8	9000	1000 0
90	10 0	10000	1111 1
100	11 1	20000	2222 2

Cubical Feet into Cubical Yards.

Feet.	Yds. qrs. feet.	Feet.	Yds. qrs. feet.
1	0 0 1	200	7 1 4 $\frac{1}{4}$
2	0 0 2	300	11 0 3
3	0 0 3	400	14 3 1 $\frac{3}{4}$
4	0 0 4	500	18 2 0 $\frac{1}{2}$
5	0 0 5	600	22 0 6
6	0 0 6	700	25 3 4 $\frac{3}{4}$
7	0 1 0 $\frac{1}{4}$	800	29 2 3 $\frac{1}{2}$
8	0 1 1 $\frac{1}{4}$	900	33 1 2 $\frac{1}{2}$
9	0 1 2 $\frac{1}{4}$	1000	37 0 1
10	0 1 3 $\frac{1}{4}$	2000	74 0 2
20	0 2 6 $\frac{1}{2}$	3000	111 0 3
30	1 0 3	4000	148 0 4
40	1 1 6 $\frac{1}{4}$	5000	185 0 5
50	1 3 2 $\frac{3}{4}$	6000	222 0 6
60	2 0 6	7000	259 1 0 $\frac{1}{4}$
70	2 2 2 $\frac{1}{2}$	8000	296 1 1 $\frac{1}{4}$
80	2 3 5 $\frac{3}{4}$	9000	333 1 2 $\frac{1}{4}$
90	3 1 2 $\frac{1}{4}$	10000	370 1 3 $\frac{1}{4}$
100	3 2 5 $\frac{1}{2}$	20000	740 2 6 $\frac{1}{2}$

Cub. Feet.	In.	GRANITE—3000								
		F.	I.	T. cwt. qrs. lbs.		Feet.	T. cwt. qrs. lbs.			
0	3	0	0	1	18 $\frac{3}{4}$	40	3	6	3	24
0	4	0	0	2	6 $\frac{1}{2}$	50	4	3	2	23
0	5	0	0	2	22	60	5	0	1	22
0	6	0	0	3	9 $\frac{3}{4}$	70	5	17	0	21
1	0	0	1	2	19 $\frac{1}{2}$	80	6	13	3	20
2	0	0	3	1	11	90	7	10	2	19
3	0	0	5	0	2 $\frac{1}{2}$	100	8	7	1	18
4	0	0	6	2	22	200	16	14	3	8
5	0	0	8	1	13 $\frac{1}{2}$	300	25	2	0	26
6	0	0	10	0	5	400	33	9	2	16
7	0	0	11	2	24 $\frac{1}{2}$	500	41	17	0	6
8	0	0	13	1	16	600	50	4	1	24
9	0	0	15	0	7 $\frac{1}{2}$	700	58	11	3	14
10	0	0	16	2	27	800	66	19	1	4
20	0	1	13	1	26	900	75	6	2	22
30	0	2	10	0	25	1000	83	14	0	12

Cub. Feet. In.	PURBECK—2600									
F. I.	T. cwt. qrs. lbs.				Feet.	T. cwt. qrs. lb.				
0 3	0	0	1	12 $\frac{3}{4}$	40	2	18	0	4	
0 4	0	0	1	26 $\frac{1}{4}$	50	3	12	2	5	
0 5	0	0	2	11 $\frac{3}{4}$	60	4	7	0	6	
0 6	0	0	2	25 $\frac{1}{4}$	70	5	1	2	7	
1 0	0	1	1	22 $\frac{1}{2}$	80	5	16	0	8	
2 0	0	2	3	17	90	6	10	2	9	
3 0	0	4	1	11 $\frac{1}{2}$	100	7	5	0	10	
4 0	0	5	3	6	200	14	10	0	20	
5 0	0	7	1	0 $\frac{1}{2}$	300	21	15	1	2	
6 0	0	8	2	23	400	29	0	1	12	
7 0	0	10	0	17 $\frac{1}{2}$	500	36	5	1	22	
8 0	0	11	2	12	600	43	10	2	4	
9 0	0	13	0	6 $\frac{1}{2}$	700	50	15	2	14	
10 0	0	14	2	1	800	58	0	2	24	
20 0	1	9	0	2	900	65	5	3	6	
30 0	2	3	2	3	1000	72	10	3	16	

Cub. Feet.	In.	PORTLAND—2570			
		F. I.	T. cwt. qrs. lbs.	Feet.	T. cwt. qrs. lbs.
0 3	0 0 1 12		40	2 17 1 13	
0 4	0 0 1 25 $\frac{1}{2}$		50	3 11 2 23 $\frac{1}{4}$	
0 5	0 0 2 11 $\frac{3}{4}$		60	4 6 0 5 $\frac{1}{4}$	
0 6	0 0 2 25 $\frac{1}{4}$		70	5 0 1 15 $\frac{3}{4}$	
1 0	0 1 1 20 $\frac{1}{2}$		80	5 14 2 26	
2 0	0 2 3 13 $\frac{1}{4}$		90	6 9 0 8 $\frac{1}{4}$	
3 0	0 4 1 5 $\frac{3}{4}$	100	7 3 1 18 $\frac{1}{2}$		
4 0	0 5 2 26 $\frac{1}{4}$	200	14 6 3 9		
5 0	0 7 0 19	300	21 10 0 27 $\frac{1}{2}$		
6 0	0 8 2 11 $\frac{3}{4}$	400	28 13 2 13		
7 0	0 10 0 4 $\frac{1}{4}$	500	35 17 0 8 $\frac{1}{2}$		
8 0	0 11 1 25	600	43 0 1 27		
9 0	0 12 3 17 $\frac{1}{2}$	700	50 3 3 17 $\frac{1}{2}$		
10 0	0 14 1 10 $\frac{1}{4}$	800	57 7 1 8		
20 0	1 8 2 20 $\frac{1}{2}$	900	64 10 2 26 $\frac{1}{2}$		
30 0	2 3 0 2 $\frac{1}{2}$	1000	71 14 0 17		

Cub. Feet.		BATH—2240									
In.											
F.	I.	T. cwt. qrs. lbs.				Feet.	T. cwt. qrs. lbs.				
0	3	0	0	1	7	40	2	10	0	0	
0	4	0	0	1	18 $\frac{3}{4}$	50	3	2	2	0	
0	5	0	0	2	2 $\frac{1}{4}$	60	3	15	0	0	
0	6	0	0	2	14	70	4	7	2	0	
1	0	0	1	1	0	80	5	0	0	0	
2	0	0	2	2	0	90	5	12	2	0	
3	0	0	3	3	0	100	6	5	0	0	
4	0	0	5	0	0	200	12	10	0	0	
5	0	0	6	1	0	300	18	15	0	0	
6	0	0	7	2	0	400	25	0	0	0	
7	0	0	8	3	0	500	31	5	0	0	
8	0	0	10	0	0	600	37	10	0	0	
9	0	0	11	1	0	700	43	15	0	0	
10	0	0	12	2	0	800	50	0	0	0	
20	0	1	5	0	0	900	56	5	0	0	
30	0	1	17	2	0	1000	62	10	0	0	

## WROUGHT IRON—SPECIFIC GRAVITY, 7632 OUNCES AVOIRDUPOISE.

Weights of One Foot in length of Flat Bar Iron, from One Inch broad and One-eighth of an Inch thick, to Four Inches broad and One Inch thick.

Inches and parts of Inches in breadth.	Parts of an Inch in thickness.																							
	$\frac{1}{8}$			$\frac{1}{4}$			$\frac{3}{8}$			$\frac{1}{2}$			$\frac{5}{8}$			$\frac{3}{4}$			$\frac{7}{8}$			Inch.		
	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.
1	0	6	10	0	13	4	1	3	14	1	10	8	2	1	2	2	7	12	2	14	6	3	5	0
1 $\frac{1}{8}$	0	7	7	0	14	14	1	6	6	1	13	13	2	5	4	2	12	11	3	4	3	3	11	10
1 $\frac{1}{4}$	0	8	4	1	0	9	1	8	13	2	1	2	2	9	6	3	1	11	3	9	15	4	2	4
1 $\frac{3}{8}$	0	9	2	1	2	3	1	11	5	2	4	7	2	13	9	3	6	10	3	15	12	4	8	14
1 $\frac{1}{2}$	0	9	15	1	3	14	1	13	13	2	7	12	3	1	11	3	11	10	4	5	9	4	15	8
1 $\frac{5}{8}$	0	10	12	1	5	8	2	0	5	2	11	1	3	5	13	4	0	9	4	11	6	5	6	2
1 $\frac{3}{4}$	0	11	9	1	7	3	2	2	12	2	14	6	3	9	15	4	5	9	5	1	2	5	12	12
2	0	12	7	1	8	13	2	5	4	3	1	11	3	14	2	4	10	8	5	6	15	6	3	6
2 $\frac{1}{8}$	0	13	4	1	10	7	2	8	9	3	5	0	4	2	4	4	15	8	5	12	12	6	10	0
2 $\frac{1}{4}$	0	14	1	1	12	2	2	10	3	3	8	5	4	6	6	5	4	7	6	2	8	7	0	10
2 $\frac{1}{2}$	0	14	14	1	13	13	2	12	11	3	11	10	4	10	8	5	9	7	6	8	5	7	7	4
2 $\frac{3}{8}$	0	15	12	1	15	7	2	15	3	3	14	15	4	14	11	5	14	6	6	14	2	7	13	14
2 $\frac{1}{2}$	1	0	9	2	1	2	3	1	11	4	2	4	5	2	13	6	3	6	7	3	15	8	4	8
2 $\frac{5}{8}$	1	1	6	2	2	12	3	4	2	4	5	9	5	6	15	6	8	5	7	9	11	8	11	2
2 $\frac{3}{4}$	1	2	3	2	4	7	3	6	10	4	8	14	5	11	1	6	13	5	7	15	8	9	1	12
2 $\frac{7}{8}$	1	3	1	2	6	1	3	9	2	4	12	3	5	15	3	7	2	4	8	5	5	9	8	6
3	1	3	14	2	7	12	3	11	10	4	15	8	6	3	6	7	7	4	8	11	2	9	15	0
3 $\frac{1}{8}$	1	4	11	2	9	6	3	14	1	5	2	13	6	7	8	7	12	3	9	0	14	10	5	10
3 $\frac{1}{4}$	1	5	8	2	11	1	4	0	9	5	6	2	6	11	10	8	1	3	9	6	11	10	12	4
3 $\frac{1}{2}$	1	6	6	2	12	11	4	3	1	5	9	7	6	15	12	8	6	2	9	12	8	11	2	14
3 $\frac{3}{8}$	1	7	3	2	14	6	4	5	9	5	12	12	7	3	15	8	11	2	10	2	5	11	9	8
3 $\frac{1}{2}$	1	8	0	3	0	0	4	8	0	6	0	1	7	8	1	9	0	1	10	8	1	12	0	2
3 $\frac{5}{8}$	1	8	13	3	1	11	4	10	8	6	3	6	7	12	3	9	5	1	10	13	14	12	6	12
3 $\frac{3}{4}$	1	9	12	3	3	5	4	13	0	6	6	11	8	0	5	9	10	0	11	3	11	12	13	6
4	1	10	9	3	5	0	4	15	8	6	10	0	8	4	8	9	15	0	11	9	8	13	4	0
12	4	15	8	9	15	0	14	14	8	19	14	0	24	13	8	29	13	0	34	12	8	39	12	0

## WROUGHT IRON—7632.

The following Table is the guide to the top Table, taken in Eighths, of which there is 9216, 477lbs.; every  $\frac{1}{8}$  being 13 $\frac{1}{4}$  dra.

No.	Units.		Tens.		Hundreds.		Thousands.	
	oz.	dra.	lb.	oz.	lb.	oz.	lb.	oz.
1	0	13 $\frac{1}{4}$	0	8	4 $\frac{1}{2}$	5	2	13
2	1	10 $\frac{3}{4}$	1	0	9	10	5	10
3	2	7 $\frac{3}{4}$	1	8	13 $\frac{1}{2}$	15	8	7
4	3	5	2	1	2	20	11	4
5	4	2 $\frac{1}{4}$	2	9	6 $\frac{1}{2}$	25	14	1
6	4	15 $\frac{1}{2}$	3	1	11	31	0	14
7	5	12 $\frac{3}{4}$	3	9	15 $\frac{1}{2}$	36	3	11
8	6	10	4	2	4	41	6	8
9	7	7 $\frac{1}{4}$	4	10	8 $\frac{1}{2}$	46	9	5

## CAST IRON—SPECIFIC GRAVITY 7372 OUNCES AVOIRDUPOISE.

Weights of One Foot in length of Flat Cast Iron, from one Inch broad and One-eighth of an Inch thick to Four Inches broad and One Inch thick.

Inches and Parts of Inches in breadth.	Parts of an Inch in thickness.									Inch.
	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$			
	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.		
1	0 6 5	0 12 10	1 2 15	1 9 4	1 15 9	2 5 14	2 12 3	3 2 8		
1 $\frac{1}{8}$	0 7 1	0 14 3	1 5 5	1 12 6	2 3 8	2 10 10	3 1 11	3 8 13		
1 $\frac{1}{4}$	0 7 14	0 15 12	1 7 11	1 15 9	2 7 7	2 15 5	3 7 3	3 15 2		
1 $\frac{3}{8}$	0 8 11	1 1 6	1 10 1	2 2 11	2 11 6	3 4 1	3 12 12	4 5 7		
1 $\frac{1}{2}$	0 9 7	1 2 15	1 12 6	2 5 14	2 15 5	3 8 13	4 2 4	4 11 12		
1 $\frac{5}{8}$	0 10 4	1 4 8	1 14 12	2 9 0	3 3 4	3 13 8	4 7 13	5 2 1		
1 $\frac{3}{4}$	0 11 1	1 6 1	2 1 2	2 12 3	3 7 4	4 2 4	4 13 5	5 8 6		
1 $\frac{7}{8}$	0 11 13	1 7 11	2 3 8	2 15 5	3 11 3	4 7 0	5 2 14	5 14 11		
2	0 12 10	1 9 4	2 5 14	3 2 8	3 15 2	4 11 12	5 8 6	6 5 0		
2 $\frac{1}{8}$	0 13 6	1 10 13	2 8 3	3 5 10	4 3 1	5 0 7	5 13 14	6 11 5		
2 $\frac{1}{4}$	0 14 3	1 12 6	2 10 8	3 8 13	4 7 0	5 5 3	6 3 7	7 1 10		
2 $\frac{3}{8}$	0 14 15	1 13 15	2 12 14	3 11 15	4 10 14	5 9 15	6 8 14	7 7 15		
2 $\frac{1}{2}$	0 15 12	1 15 9	2 15 4	3 15 2	4 14 13	5 14 11	6 14 7	7 14 4		
2 $\frac{5}{8}$	1 0 9	2 1 2	3 1 10	4 2 4	5 2 12	6 3 6	7 4 0	8 4 9		
2 $\frac{3}{4}$	1 1 5	2 2 11	3 4 0	4 5 7	5 6 11	6 8 2	7 9 8	8 10 14		
2 $\frac{7}{8}$	1 2 2	2 4 4	3 6 6	4 8 9	5 10 10	6 12 14	7 15 1	9 1 3		
3	1 2 15	2 5 14	3 8 12	4 11 12	5 14 10	7 1 10	8 4 9	9 7 8		
3 $\frac{1}{8}$	1 3 11	2 7 7	3 11 2	4 14 14	6 2 9	7 6 5	8 10 1	9 13 13		
3 $\frac{1}{4}$	1 4 8	2 9 0	3 13 7	5 2 1	6 6 8	7 11 1	8 15 10	10 4 2		
3 $\frac{3}{8}$	1 5 4	2 10 9	3 15 13	5 5 3	6 10 7	7 15 13	9 5 2	10 10 7		
3 $\frac{1}{2}$	1 6 1	2 12 3	4 2 3	5 8 6	6 14 6	8 4 9	9 10 10	11 0 12		
3 $\frac{5}{8}$	1 6 14	2 13 12	4 4 9	5 11 8	7 2 5	8 9 4	10 0 3	11 7 1		
3 $\frac{3}{4}$	1 7 10	2 15 5	4 6 15	5 14 11	7 6 4	8 14 0	10 5 11	11 13 6		
3 $\frac{7}{8}$	1 8 7	3 0 14	4 9 5	6 1 13	7 10 3	9 2 12	10 11 4	12 3 14		
4	1 9 4	3 2 8	4 11 12	6 5 0	7 14 4	9 7 8	11 0 12	12 10 0		
12	4 11 12	9 7 8	14 3 4	18 15 0	23 10 12	28 6 8	33 2 4	37 14 0		

## CAST IRON—7372.

The following Table is the guide to the top Table, taken in Eighths of an Inch, of which there are 9216 to a Foot, 454 $\frac{1}{2}$  lbs. being 12 $\frac{3}{8}$  drachms to an Eighth.

No.	Units.	Tens.	Hundreds.	Thousands.
	oz. dr.	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.
1	0 12 $\frac{3}{8}$	0 7 14 $\frac{1}{4}$	4 14 14 $\frac{1}{2}$	49 5 1
2	1 9 $\frac{1}{4}$	0 15 12 $\frac{3}{4}$	9 13 13	98 10 2
3	2 5 $\frac{7}{8}$	1 7 10 $\frac{3}{4}$	14 12 11 $\frac{1}{2}$	147 15 3
4	3 2 $\frac{1}{2}$	1 15 9	19 11 10	197 4 4
5	3 15 $\frac{1}{2}$	2 7 7 $\frac{1}{4}$	24 10 8 $\frac{1}{2}$	246 9 5
6	4 11 $\frac{3}{4}$	2 15 5 $\frac{1}{2}$	29 9 7	295 14 6
7	5 8 $\frac{3}{8}$	3 7 3 $\frac{3}{4}$	34 8 5 $\frac{1}{2}$	345 3 7
8	6 5	3 15 2	39 7 4	394 8 8
9	7 1 $\frac{5}{8}$	4 7 0 $\frac{1}{4}$	44 6 2 $\frac{1}{2}$	443 13 9



# IRON WROUGHT AND CAST, WEIGHTS OF,

From one quarter of an Inch Square Bar Iron, to 4 Inches, No. 1., and from one quarter of an Inch diameter to 4 Inches, No. 2.; and the Cast Iron, No. 3., from one quarter of an Inch to 4 Inches.

Square and Diam.	No. 1. Square Wrought Iron per foot run.	No. 2. Round Wrought Iron per foot run.	No. 3. Square Cast Iron per foot run.
1. $\frac{1}{8}$	lb. oz. dr.	lb. oz. dr.	lb. oz. dr.
0 2	0 3 5	0 3 4	0 3 $2\frac{1}{2}$
0 3	0 7 $7\frac{1}{4}$	0 7 0	0 7 $1\frac{5}{8}$
0 4	0 13 4	0 11 0	0 12 10
0 5	1 4 $11\frac{1}{4}$	1 2 0	1 3 $11\frac{5}{8}$
0 6	1 13 10	1 9 0	1 12 $6\frac{1}{2}$
0 7	2 8 $9\frac{1}{4}$	2 1 0	2 6 $10\frac{1}{2}$
1 0	3 5 0	2 10 0	3 2 8
1 1	4 4 $1\frac{1}{2}$	3 4 8	3 15 $14\frac{5}{8}$
1 2	5 2 13	4 0 8	4 14 $14\frac{1}{2}$
1 3	6 4 $3\frac{1}{4}$	4 14 0	5 15 $7\frac{5}{8}$
1 4	7 7 4	5 12 0	7 1 10
1 5	8 11 $5\frac{1}{4}$	6 12 8	8 5 $5\frac{5}{8}$
1 6	10 2 5	7 15 8	9 10 $10\frac{1}{2}$
1 7	10 10 $5\frac{1}{4}$	9 3 8	11 1 $8\frac{5}{8}$
2 0	13 4 0	10 11 0	12 10 0
2 2	16 12 5	13 12 0	15 15 $10\frac{1}{2}$
2 4	20 11 4	17 0 8	19 11 10
2 6	25 0 13	20 7 0	23 13 $14\frac{1}{2}$
3 0	29 12 $15\frac{3}{4}$	24 0 0	28 6 8
3 2	35 1 $7\frac{1}{2}$	28 0 0	33 5 $6\frac{1}{2}$
3 4	40 9 4	32 8 0	38 10 10
3 6	46 11 $1\frac{1}{2}$	37 8 0	44 6 $2\frac{1}{2}$
4 0	53 0 0	43 0 0	50 8 0

Inches and Parts.	Lead per foot superf.—11,340	Inches and Parts.	Copper per foot superficial—9000	Brass per foot superficial—8350
	lb. oz. dr.		C. qr. lb. oz. dr.	C. qr. lb. oz. dr.
$\frac{1}{64}$	0 14 13	$\frac{1}{64}$	0 0 0 11 $11\frac{1}{2}$	0 0 0 10 $3\frac{3}{16}$
$\frac{1}{32}$	1 13 10	$\frac{1}{32}$	0 0 1 7 7	0 0 1 4 $7\frac{1}{8}$
$\frac{1}{16}$	2 12 7	$\frac{1}{16}$	0 0 2 14 14	0 0 2 8 $14\frac{1}{4}$
$\frac{3}{16}$	3 11 4	$\frac{1}{8}$	0 0 5 13 12	0 0 5 1 $12\frac{3}{8}$
$\frac{1}{4}$	4 10 1	$\frac{1}{4}$	0 0 11 11 8	0 0 10 3 $8\frac{3}{4}$
$\frac{5}{16}$	5 8 14	$\frac{3}{8}$	0 0 23 7 0	0 0 20 7 $1\frac{1}{2}$
$\frac{3}{8}$	6 7 11	$\frac{1}{2}$	0 1 7 2 8	0 1 2 10 $10\frac{1}{4}$
$\frac{1}{2}$	7 6 8	1	0 1 13 14 0	0 1 12 14 3
$\frac{5}{8}$	14 13 0	$\frac{1}{2}$	0 1 20 5 7	0 1 14 2 $10\frac{1}{8}$
$\frac{3}{4}$	16 10 10	1	0 1 21 12 14	0 1 15 7 $1\frac{1}{4}$
$\frac{7}{8}$	18 8 4	1	0 1 23 11 0	0 1 17 15 $15\frac{3}{8}$
1	20 5 14	$1\frac{1}{4}$	0 2 2 9 8	0 1 23 1 $11\frac{3}{4}$
$1\frac{1}{8}$	22 3 8	$1\frac{1}{2}$	0 2 14 5 0	0 2 5 5 $4\frac{1}{2}$
$1\frac{1}{4}$	29 10 0	$1\frac{3}{4}$	0 2 26 0 8	0 2 15 8 $13\frac{1}{4}$
$1\frac{1}{2}$	31 7 10	2	0 3 9 12 0	0 2 25 12 6
$1\frac{3}{4}$	33 5 4	3	1 1 0 10 0	1 0 10 10 9
2	37 0 8	6	2 2 1 4 0	2 0 21 5 2
$2\frac{1}{4}$	44 7 0	12	5 0 2 8 0	4 1 14 10 4
$2\frac{1}{2}$	46 4 10			
$2\frac{3}{4}$	48 2 4			
$3\frac{1}{4}$	51 13 8			
1 Inch.	59 4 0			

## PLUMBERS.

Copper Covering.	s.	d.	£	s.	d.	Patent Trimmed.	£	s.	d.	
Copper, 14 oz. to the sq. foot	1	6	100 feet	7	10	0	16 oz. to the sq. ft.	0	2	6
16 oz. ....	1	8	.....	8	6	8	18 oz. ....	0	2	9
Copper Sheets above 16 oz. to the ft. per lb.				0	1	2	20 oz. ....	0	3	0
under 16 oz. ....				0	1	3				

The above Prices include all expenses.

Trimmed Copper Sheets, of all weights, per lb. 2s.



	s.	d.		s.	d.
Rendering one Coat, per yard....	0	6	Trowelled on Lath.....	3	1
and set.....	0	9	Circular do.....	4	2
circular do.....	1	0	Day Work.		
fluted and set ....	1	0	Plasterer, per Day.....	5	6
circular do.....	1	4	Modeller.....	7	0
Chimneys rendered, set, and } blackd, each ..... }	1	6	Labourer .....	3	8
Rough Cast.			Boy .....	2	0
2 coats on Brick, per yard....	1	6	Laths, per Bundle.....	2	8
circular do.....	2	0	Laths and Nails.....	3	8
on Laths.....	2	4	Coarse Stuff, per hod.....	0	10
circular do.....	3	0	Outside Lime and Hair.....	1	0
Rustics.			Running Stuff.....	1	2
raised and chamfered, per foot..	1	0	Fine Stuff.....	1	4
old do. repaired.....	0	2	Stucco .....	2	0
plain raised Fascia.....	0	6	Putty ....	2	0
do. Key Stair.....	1	3	Plaster, per Cwt.....	10	0
Stucco Bastard on Brick, per yard.	1	6	per Bag of 14lbs.....	1	4
circular.....	2	0	per lb.....	0	1 $\frac{1}{4}$
Bastard on Lath .....	2	2	Roman Cement, per Bushel.....	4	0
circular.....	2	11	Dorking Lime.....	2	0
trowelled on Brick.....	2	3	Washed Thames Sand.....	0	6
circular.....	3	0	Twopenny Nails, per Thousand...	1	6
Add extra for Dado.....	0	3	Do. Cast, do.....	0	10
Groins on Brick, per foot superf..	0	5	Double Size, per Firkin .....	5	0
Do. on Lath.....	0	6	Do. per Gallon.....	0	8
Circular on Laths to back of Niches	0	5	Whiting, per Dozen.....	0	4
Spherical do. to heads of do.....	0	8	Blue Black, per lb.....	0	4
Reveals to Windows, 4 in. face, } per foot, run..... }	0	4	Size and Whiting, per Pail .....	1	6
circular do.....	0	5	Cartage, per single Load.....	3	6
Straight do. 8 inch face.....	0	6	per double do.....	6	0
circular do.....	0	8			

No. of Gall <sup>s</sup> .	Stave.			Head.			Packing Casks for Bottles.		
	F.	I.	P.	F.	I.	P.	Dozen.	Staves.	Head.
2	0	11	6	0	7	0		F. I. P.	F. I. P.
4	1	2	6	0	10	0			
5	1	3	6	0	10	6	4	2 6 6	1 6 0
6	1	4	6	0	11	0	5	2 6 6	1 7 6
8	1	6	0	1	0	0	6	2 6 6	1 9 0
10	1	7	0	1	1	0	8	2 6 6	2 1 0
12	1	8	6	1	1	0	10	3 0 0	2 0 0
14	1	9	6	1	2	0	12	3 6 0	2 2 0
16	1	10	6	1	2	6			
20	2	0	0	1	3	3			
25	2	2	0	1	4	0			
30	2	4	0	1	6	0			
35	2	5	0	1	6	0			
40	2	7	0	1	7	0			
50	2	9	0	1	9	0			
60	2	10	6	1	9	0			
63	2	11	0	1	10	6			
82	3	2	0	1	11	9			
85	3	2	0	2	0	6			
100	3	5	0	2	2	0			
120	3	6	0	2	4	0			
245	4	11	0	2	9	0			
300	5	0	0	3	0	6			
400	5	5	0	3	4	6			
500	5	6	0	4	0	0			
							Cwt. Bread Casks.		
							2	2 4 0	1 5 0
							3	2 7 0	1 8 0
							4	2 10 0	1 9 0
							White 14 lbs.	1 4 0	0 10 6
							Galls.	F. I. P.	F. I. P.
							Rum Hhd.	3 0 0	1 11 0
							Porter Bar <sup>1</sup> 36	2 7 0	1 9 0
							Kilderkin 18	2 0 0	1 4 0
							Firkin 9	1 7 0	1 1 0
							Half Firkin 4½	1 3 6	0 10 3
							Ash and Beech Staves for Sugar Hog <sup>s</sup> .		
							Length.	Width.	Thick.
							F. I.	F. I.	F. I.
							London 3 9	0 4	0 0½
							Liverpool 3 9	0 4	0 0½
							Bristol 3 6	0 4	0 0½

THE Price of Flour and Bread regulated by the Price of Wheat per Quarter.

The Miller allowed 16d. per Quarter for grinding and dressing Bread, 4d. per peck above the price of Flour.

Wheat per Quarter.	Flour per Sack.	Flour per Q <sup>r</sup> .	Loaf per Q <sup>n</sup> .	Wheat per Q <sup>r</sup> .	Flour per Sack.	Flour per Q <sup>r</sup> .	Loaf per Q <sup>n</sup> .
s. d.	s. d.	d.	d.	s. d.	s. d.	d.	d.
112 0	80 0	12	13	74 8	56 8	8½	9½
109 4	78 4	11¾	12¾	72 0	55 0	8¼	9¼
106 8	76 8	11½	12½	69 4	53 4	8	9
104 0	75 0	11¼	12¼	66 8	51 8	7¾	8¾
101 4	73 4	11	12	64 0	50 0	7½	8½
98 8	71 8	10¾	11¾	61 4	48 4	7¼	8¼
96 0	70 0	10½	11½	58 8	46 8	7	8
93 4	68 4	10¼	11¼	56 0	45 0	6¾	7¾
90 8	66 8	10	11	53 4	43 4	6½	7½
88 0	65 0	9¾	10¾	50 8	41 8	6¼	7¼
85 4	63 4	9½	10½	48 0	40 0	6	7
82 8	61 8	9¼	10¼	45 4	38 4	5¾	6¾
80 0	60 0	9	10	42 8	36 8	5½	6½
77 4	58 4	8¾	9¾	40 0	35 0	5¼	6¼



Area of the Circle given to find the Square of the Diameter. No. 1.		Square of Circumference given to find the Area of a Circle. No. 2.		Diameter given to find the Root of a Square inserted in a Circle. No. 3.	
1	1·273239	1	·0795775	1	·707107
2	2·546478	2	·1591550	2	1·414214
3	3·819717	3	·2387325	3	2·121321
4	5·092986	4	·3183100	4	2·828428
5	6·366195	5	·3978875	5	3·535535
6	7·639434	6	·4774650	6	4·242642
7	8·912673	7	·5570425	7	4·949749
8	10·185912	8	·6366200	8	5·656856
9	11·459151	9	·7161975	9	6·363963
<p>1. As 22 to 7, or as 11 to 14, or as 355 to 452, or as 1 to 1·273239, so is the Area of the Circle to the quarter of the Diameter.</p> <p>2. As 22 to 4, or as 88 to 7, or as 1420 to 113, or as 1 to ·0795775, so is the quarter of the Circumference to the Area of a Circle.</p> <p>3. As 1 to ·707107, so is the Diameter to the Root of a Square to be inscribed in a Circle.</p>					
Diameter given to find the Root of a Square equal to the Circle which is Squaring the Circle. No. 4.		Diameter given to find the Root of a Cube equal to the Sphere or Globe. No. 5.		Diameter given to find the Root of a Square equal to the Superficies of a Sphere or Globe. No. 6.	
1	·886227	1	·80604	1	1·772454
2	1·772454	2	1·61208	2	3·544908
3	2·658681	3	2·41812	3	5·317362
4	3·544908	4	3·22416	4	7·089816
5	4·431135	5	4·03020	5	8·862270
6	5·317362	6	4·83624	6	10·634724
7	6·203589	7	5·64228	7	12·407178
8	7·089816	8	6·44832	8	14·179632
9	7·976043	9	7·25436	9	15·952086
<p>4. As 1 to 886227, so is the Diameter to the Root of a Square equal to the Sphere.</p> <p>5. As 1 to ·80604, so is the Diameter to the Root of a Cube equal to the Sphere.</p> <p>6. As 1 to 1·772454, so is the Diameter of a Circle to the Root of a Square equal to the Superficies of a Square.</p>					

THE  
LAND SURVEYORS' READY RECKONER,  
OR  
GENTLEMAN AND FARMER'S  
GUIDE TO LAND MEASURE ;

SHEWING AT ONE VIEW

The Content of any Piece of Land, from the Eightieth part of an Acre to any number of Acres.

With plain and easy Directions for taking the Dimensions of a Field, whereby any Person may, with accuracy and correctness, become their own Surveyor.

To which is added ; a Table shewing what breadth is required to any given length, to make one, two, three, to ten Acres ; also another for converting Yards into Poles and Links.

## PREFACE.

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A BOOK for the purpose of shewing the content of a piece of Land, by knowing the necessary dimensions, has long been wanted.

Farmers and their labourers frequently meet with great difficulty in procuring a person to measure the work done by the acre ; particularly at the time of cutting grass, hoeing turnips, and in harvest : to those this will prove a valuable and useful Book.

It will likewise be found of great utility to those Gentlemen and Farmers who can survey Land ; for by taking the necessary dimensions of the Field, or any part thereof, and calculating its contents, and then giving a reference to these Tables, it will give proof to the calculation, and satisfaction to the labourer, who, otherwise, might have disputed it.

The first and principal Table begins at 2 Poles, and increases 1 Pole in every column, to 72 Poles, and shews the exact content to upwards of 32 Acres.

The second Table is smaller, and has an increase of only one link in a column. It will be useful where there are any number of odd links less than a Pole ; the contents of which must be added to the other, as will be directed hereafter.

This second Table is so constructed, that being used conjointly with the first, will answer the purpose of a Book containing upwards of five hundred times the number of figures.

The third Table shews what width is necessary, from any given length, to contain exactly one, two, three, to ten acres of Land ; by the help of which, any person desirous of putting out the work of any part of a Field, or selling any part of the crop, after measuring the length, may readily see what breadth should also be measured off.

That this Book might be rendered as useful as possible, I have added a fourth Table, which shews, at one view, the number of Poles and Links that are contained in any number of Yards, from one to three hundred and ninety-six.

Therefore, if the dimensions of a Field are taken in Yards (from the want of a chain), the content is as readily found as if taken in Poles and Links.

Great care has been taken in writing the Tables with correctness ; yet, should a small error escape the Press, by the conversion of a letter or figure, it is hoped the candid and judicious Readers will excuse it ; by so doing they will very much oblige the Author.

## EXPLANATION.

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At the top of every column is the number of Poles a piece of Land is supposed to measure in breadth. Each page is divided into ten columns; the first and sixth shew the number of Poles it measures in length; the second, third, fourth, fifth, seventh, eighth, ninth, and tenth, contain the square measure in Acres, Roods, and Poles.

### EXAMPLE.

Suppose a Field, or any part thereof, measures, in breadth, 14 Poles, and in length 26 Poles, required how many Acres it contains:

Look at the top of the page for 14 Poles, then down the same column for 26; against it is 2 Acres, 1 Rood, and 4 Poles, which is the content required.

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N.B. For measuring the distance of the off-sets, it will be more convenient to have a staff of half a Pole in length, and divided into Links, as the chain is.

The best and usual way of taking the dimensions of Land is by a chain, called Gunter's Chain, which is 4 Poles, or 22 Yards, or 66 Feet long; and it consists of 100 equal parts, called Links.

$5\frac{1}{2}$  Yards, or  $16\frac{1}{2}$  Feet, or 25 Links, make one Pole or Perch; but in square measure,

30 $\frac{1}{4}$  Yards, or 625 Links, make 1 Pole or Perch.

40 Poles .... 1 Rood, or Quarter Acre.

4 Roods .... 1 Acre.

4840 Yards .... 1 Acre.

100,000 Links .... 1 Acre.



Length.	2 Poles, or $\frac{1}{2}$ Chain.	3 Poles, or $\frac{3}{4}$ Chain.	4 Poles, or 1 Chain.	5 Poles, or $1\frac{1}{4}$ Chain.	Length.	6 Poles, or $1\frac{1}{2}$ Chain.	7 Poles, or $1\frac{3}{4}$ Chain.	8 Poles, or 2 Chains.	9 Poles, or $2\frac{1}{4}$ Chains.
Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.	Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 0 2	0 0 3	0 0 4	0 0 5	1	0 0 6	0 0 7	0 0 8	0 0 9
2	0 0 4	0 0 6	0 0 8	0 0 10	2	0 0 12	0 0 14	0 0 16	0 0 18
3	0 0 6	0 0 9	0 0 12	0 0 15	3	0 0 18	0 0 21	0 0 24	0 0 27
4	0 0 8	0 0 12	0 0 16	0 0 20	4	0 0 24	0 0 28	0 0 32	0 0 36
5	0 0 10	0 0 15	0 0 20	0 0 25	5	0 0 30	0 0 35	0 1 0	0 1 5
6	0 0 12	0 0 18	0 0 24	0 0 30	6	0 0 36	0 1 2	0 1 8	0 1 14
7	0 0 14	0 0 21	0 0 28	0 0 35	7	0 1 2	0 1 9	0 1 16	0 1 23
8	0 0 16	0 0 24	0 0 32	0 1 0	8	0 1 8	0 1 16	0 1 24	0 1 32
9	0 0 18	0 0 27	0 0 36	0 1 5	9	0 1 14	0 1 23	0 1 32	0 2 1
10	0 0 20	0 0 30	0 1 0	0 1 10	10	0 1 20	0 1 30	0 2 0	0 2 10
11	0 0 22	0 0 33	0 1 4	0 1 15	11	0 1 26	0 1 37	0 2 8	0 2 19
12	0 0 24	0 0 36	0 1 8	0 1 20	12	0 1 32	0 2 4	0 2 16	0 2 28
13	0 0 26	0 0 39	0 1 12	0 1 25	13	0 1 38	0 2 11	0 2 24	0 2 37
14	0 0 28	0 1 2	0 1 16	0 1 30	14	0 2 4	0 2 18	0 2 32	0 3 6
15	0 0 30	0 1 5	0 1 20	0 1 35	15	0 2 10	0 2 25	0 3 0	0 3 15
16	0 0 32	0 1 8	0 1 24	0 2 0	16	0 2 16	0 2 32	0 3 8	0 3 24
17	0 0 34	0 1 11	0 1 28	0 2 5	17	0 2 22	0 2 39	0 3 16	0 3 33
18	0 0 36	0 1 14	0 1 32	0 2 10	18	0 2 28	0 3 6	0 3 24	1 0 2
19	0 0 38	0 1 17	0 1 36	0 2 15	19	0 2 34	0 3 13	0 3 32	1 0 11
20	0 1 0	0 1 20	0 2 0	0 2 20	20	0 3 0	0 3 20	1 0 0	1 0 20
21	0 1 2	0 1 23	0 2 4	0 2 25	21	0 3 6	0 3 27	1 0 8	1 0 29
22	0 1 4	0 1 26	0 2 8	0 2 30	22	0 3 12	0 3 34	1 0 16	1 0 38
23	0 1 6	0 1 29	0 2 12	0 2 35	23	0 3 18	1 0 1	1 0 24	1 1 7
24	0 1 8	0 1 32	0 2 16	0 3 0	24	0 3 24	1 0 8	1 0 32	1 1 16
25	0 1 10	0 1 35	0 2 20	0 3 5	25	0 3 30	1 0 15	1 1 0	1 1 25
26	0 1 12	0 1 38	0 2 24	0 3 10	26	0 3 36	1 0 22	1 1 8	1 1 34
27	0 1 14	0 2 1	0 2 28	0 3 15	27	1 0 2	1 0 29	1 1 16	1 2 3
28	0 1 16	0 2 4	0 2 32	0 3 20	28	1 0 8	1 0 36	1 1 24	1 2 12
29	0 1 18	0 2 7	0 2 36	0 3 25	29	1 0 14	1 1 5	1 1 32	1 2 21
30	0 1 20	0 2 10	0 3 0	0 3 30	30	1 0 20	1 1 10	1 2 0	1 2 30
31	0 1 22	0 2 13	0 3 4	0 3 35	31	1 0 26	1 1 17	1 2 8	1 2 39
32	0 1 24	0 2 16	0 3 8	1 0 0	32	1 0 32	1 1 24	1 2 16	1 3 8
33	0 1 26	0 2 19	0 3 12	1 0 5	33	1 0 38	1 1 31	1 2 24	1 3 17
34	0 1 28	0 2 22	0 3 16	1 0 10	34	1 1 4	1 1 38	1 2 32	1 3 26
35	0 1 30	0 2 25	0 3 20	1 0 15	35	1 1 10	1 2 5	1 3 0	1 3 35
36	0 1 32	0 2 28	0 3 24	1 0 20	36	1 1 16	1 2 12	1 3 8	2 0 4
37	0 1 34	0 2 31	0 3 28	1 0 25	37	1 1 22	1 2 19	1 3 16	2 0 13
38	0 1 36	0 2 34	0 3 32	1 0 30	38	1 1 28	1 2 26	1 3 24	2 0 22
39	0 1 38	0 2 37	0 3 36	1 0 35	39	1 1 34	1 2 33	1 3 32	2 0 31
40	0 2 0	0 3 0	1 0 0	1 1 0	40	1 2 0	1 3 0	2 0 0	2 1 0
50	0 2 20	0 3 30	1 1 0	1 2 10	50	1 3 20	2 0 30	2 2 0	2 3 10
60	0 3 0	1 0 20	1 2 0	1 3 20	60	2 1 0	2 2 20	3 0 0	3 1 20
70	0 3 20	1 1 10	1 3 0	2 0 30	70	2 2 20	3 0 10	3 2 0	3 3 30
71	0 3 22	1 1 13	1 3 4	2 0 35	71	2 2 26	3 0 17	3 2 8	3 3 39
72	0 3 24	1 1 16	1 3 8	2 1 0	72	2 2 32	3 0 24	3 2 16	4 0 8

Length.	10 Poles, or $2\frac{1}{2}$ Chains.			11 Poles, or $2\frac{3}{4}$ Chains.			12 Poles, or 3 Chains.			13 Poles, or $3\frac{1}{4}$ Chains.			Length.	14 Poles, or $3\frac{1}{2}$ Chains.			15 Poles, or $3\frac{3}{4}$ Chains.			16 Poles, or 4 Chains.			17 Poles, or $4\frac{1}{4}$ Chains.		
Poles	A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.	Poles	A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.
1	0	0	10	0	0	11	0	0	12	0	0	13	1	0	0	14	0	0	15	0	0	16	0	0	17
2	0	0	20	0	0	22	0	0	24	0	0	26	2	0	0	28	0	0	30	0	0	32	0	0	34
3	0	0	30	0	0	33	0	0	36	0	0	39	3	0	1	2	0	1	5	0	1	8	0	1	11
4	0	1	0	0	1	4	0	1	8	0	1	12	4	0	1	16	0	1	20	0	1	24	0	1	28
5	0	1	10	0	1	15	0	1	20	0	1	25	5	0	1	30	0	1	35	0	2	0	0	2	5
6	0	1	20	0	1	26	0	1	32	0	1	38	6	0	2	4	0	2	10	0	2	16	0	2	22
7	0	1	30	0	1	37	0	2	4	0	2	11	7	0	2	18	0	2	25	0	2	32	0	2	39
8	0	2	0	0	2	8	0	2	16	0	2	24	8	0	2	32	0	3	0	0	3	8	0	3	16
9	0	2	10	0	2	19	0	2	28	0	2	37	9	0	3	6	0	3	15	0	3	24	0	3	33
10	0	2	20	0	2	30	0	3	0	0	3	10	10	0	3	20	0	3	30	1	0	0	1	0	10
11	0	2	30	0	3	1	0	3	12	0	3	23	11	0	3	34	1	0	5	1	0	16	1	0	27
12	0	3	0	0	3	12	0	3	24	0	3	36	12	1	0	8	1	0	20	1	0	32	1	1	4
13	0	3	10	0	3	23	0	3	36	1	0	9	13	1	0	22	1	0	35	1	1	8	1	1	21
14	0	3	20	0	3	34	1	0	8	1	0	22	14	1	0	36	1	1	10	1	1	24	1	1	38
15	0	3	30	1	0	5	1	0	20	1	0	35	15	1	1	10	1	1	25	1	2	0	1	2	15
16	1	0	0	1	0	16	1	0	32	1	1	8	16	1	1	24	1	2	0	1	2	16	1	2	32
17	1	0	10	1	0	27	1	1	4	1	1	21	17	1	1	38	1	2	15	1	2	32	1	3	9
18	1	0	20	1	0	38	1	1	16	1	1	34	18	1	2	12	1	2	30	1	3	8	1	3	26
19	1	0	30	1	1	9	1	1	28	1	2	7	19	1	2	26	1	3	5	1	3	24	2	0	3
20	1	1	0	1	1	20	1	2	0	1	2	20	20	1	3	0	1	3	20	2	0	0	2	0	20
21	1	1	10	1	1	31	1	2	12	1	2	33	21	1	3	14	1	3	35	2	0	16	2	0	37
22	1	1	20	1	2	2	1	2	24	1	3	6	22	1	3	28	2	0	10	2	0	32	2	1	14
23	1	1	30	1	2	13	1	2	36	1	3	19	23	2	0	2	2	0	25	2	1	8	2	1	31
24	1	2	0	1	2	24	1	3	8	1	3	32	24	2	0	16	2	1	0	2	1	24	2	2	8
25	1	2	10	1	2	35	1	3	20	2	0	5	25	2	0	30	2	1	15	2	2	0	2	2	25
26	1	2	20	1	3	6	1	3	32	2	0	18	26	2	1	4	2	1	30	2	2	16	2	3	2
27	1	2	30	1	3	17	2	0	4	2	0	31	27	2	1	18	2	2	5	2	2	32	2	3	19
28	1	3	0	1	3	28	2	0	16	2	1	4	28	2	1	32	2	2	20	2	3	8	2	3	36
29	1	3	10	1	3	39	2	0	28	2	1	17	29	2	2	6	2	2	35	2	3	24	3	0	13
30	1	3	20	2	0	10	2	1	0	2	1	30	30	2	2	20	2	5	10	3	0	0	3	0	30
31	1	3	30	2	0	21	2	1	12	2	2	3	31	2	2	34	2	3	25	3	0	16	3	1	7
32	2	0	0	2	0	32	2	1	24	2	2	16	32	2	3	8	3	0	0	3	0	32	3	1	24
33	2	0	10	2	1	3	2	1	36	2	2	29	33	2	3	22	3	0	15	3	1	8	3	2	1
34	2	0	20	2	1	14	2	2	8	2	3	2	34	2	3	36	3	0	30	3	1	24	3	2	18
35	2	0	30	2	1	25	2	2	20	2	3	15	35	3	0	10	3	1	5	3	2	0	3	2	35
36	2	1	0	2	1	36	2	2	32	2	3	28	36	3	0	24	3	1	20	3	2	16	3	3	12
37	2	1	10	2	2	7	2	3	4	3	0	1	37	3	0	38	3	1	35	3	2	32	3	3	29
38	2	1	20	2	2	18	2	3	16	3	0	14	38	3	1	12	3	2	10	3	3	8	4	0	6
39	2	1	30	2	2	29	2	3	28	3	0	27	39	3	1	26	3	2	25	3	3	24	4	0	23
40	2	2	0	2	3	0	3	0	0	3	1	0	40	3	2	0	3	3	0	4	0	0	4	1	0
50	3	0	20	3	1	30	3	3	0	4	0	10	50	4	1	20	4	2	30	5	0	0	5	1	10
60	3	3	0	4	0	20	4	2	0	4	3	20	60	5	1	0	5	2	20	6	0	0	6	1	20
70	4	1	20	4	3	10	5	1	0	5	2	30	70	6	0	20	6	2	10	7	0	0	7	1	30
71	4	1	30	4	3	21	5	1	12	5	3	3	71	6	0	34	6	2	25	7	0	16	7	2	7
72	4	2	0	4	3	32	5	1	24	5	3	16	72	6	1	8	6	3	0	7	0	32	7	2	24

Length. Poles.	18 Poles, or $4\frac{1}{2}$ Chains.	19 Poles, or $4\frac{3}{4}$ Chains.	20 Poles, or 5 Chains.	21 Poles, or $5\frac{1}{4}$ Chains.	Length. Poles.	22 Poles, or $5\frac{1}{2}$ Chains.	23 Poles, or $5\frac{3}{4}$ Chains.	24 Poles, or 6 Chains.	25 Poles, or $6\frac{1}{4}$ Chains.
A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 0 18	0 0 19	0 0 20	0 0 21	1	0 0 22	0 0 23	0 0 24	0 0 25
2	0 0 36	0 0 38	0 1 0	0 1 2	2	0 1 4	0 1 6	0 1 8	0 1 10
3	0 1 14	0 1 17	0 1 20	0 1 23	3	0 1 26	0 1 29	0 1 32	0 1 35
4	0 1 32	0 1 36	0 2 0	0 2 4	4	0 2 8	0 2 12	0 2 16	0 2 20
5	0 2 10	0 2 15	0 2 20	0 2 25	5	0 2 30	0 2 35	0 3 0	0 3 5
6	0 2 28	0 2 34	0 3 0	0 3 6	6	0 3 12	0 3 18	0 3 24	0 3 30
7	0 3 6	0 3 13	0 3 20	0 3 27	7	0 3 34	1 0 1	1 0 8	1 0 15
8	0 3 24	0 3 32	1 0 0	1 0 8	8	1 0 16	1 0 24	1 0 32	1 1 0
9	1 0 2	1 0 11	1 0 20	1 0 29	9	1 0 38	1 1 7	1 1 16	1 1 25
10	1 0 20	1 0 30	1 1 0	1 1 10	10	1 1 20	1 1 30	1 2 0	1 2 10
11	1 0 38	1 1 9	1 1 20	1 1 31	11	1 2 2	1 2 13	1 2 24	1 2 35
12	1 1 16	1 1 28	1 2 0	1 2 12	12	1 2 24	1 2 36	1 3 8	1 3 20
13	1 1 34	1 2 7	1 2 20	1 2 33	13	1 3 6	1 3 19	1 3 32	2 0 5
14	1 2 12	1 2 26	1 3 0	1 3 14	14	1 3 28	2 0 2	2 0 16	2 0 30
15	1 2 30	1 3 5	1 3 20	1 3 35	15	2 0 10	2 0 25	2 1 0	2 1 15
16	1 3 8	1 3 24	2 0 0	2 0 16	16	2 0 32	2 1 8	2 1 24	2 2 0
17	1 3 26	2 0 3	2 0 20	2 0 37	17	2 1 14	2 1 31	2 2 8	2 2 25
18	2 0 4	2 0 22	2 1 0	2 1 18	18	2 1 36	2 2 14	2 2 32	2 3 10
19	2 0 22	2 1 1	2 1 20	2 1 39	19	2 2 18	2 2 37	2 3 16	2 3 35
20	2 1 0	2 1 20	2 2 0	2 2 20	20	2 3 0	2 3 20	3 0 0	3 0 20
21	2 1 18	2 1 39	2 2 20	2 3 1	21	2 3 22	3 0 3	3 0 24	3 1 5
22	2 1 36	2 2 18	2 3 0	2 3 22	22	3 0 4	3 0 26	3 1 8	3 1 30
23	2 2 14	2 2 37	2 3 20	3 0 3	23	3 0 26	3 1 9	3 1 32	3 2 15
24	2 2 32	2 3 16	3 0 0	3 0 24	24	3 1 8	3 1 32	3 2 16	3 3 0
25	2 3 10	2 3 35	3 0 20	3 1 5	25	3 1 30	3 2 15	3 3 0	3 3 25
26	2 3 28	3 0 14	3 1 0	3 1 26	26	3 2 12	3 2 38	3 3 24	4 0 10
27	3 0 6	3 0 33	3 1 20	3 2 7	27	3 2 34	3 3 21	4 0 8	4 0 35
28	3 0 24	3 1 12	3 2 0	3 2 28	28	3 3 16	4 0 4	4 0 32	4 1 20
29	3 1 2	3 1 31	3 2 20	3 3 9	29	3 3 38	4 0 27	4 1 16	4 2 5
30	3 1 20	3 2 10	3 3 0	3 3 30	30	4 0 20	4 1 10	4 2 0	4 2 30
31	3 1 38	3 2 29	3 3 20	4 0 11	31	4 1 2	4 1 33	4 2 24	4 3 15
32	3 2 16	3 3 8	4 0 0	4 0 32	32	4 1 24	4 2 16	4 3 8	5 0 0
33	3 2 34	3 3 27	4 0 20	4 1 13	33	4 2 6	4 2 39	4 3 32	5 0 25
34	3 3 12	4 0 6	4 1 0	4 1 34	34	4 2 28	4 5 22	5 0 16	5 1 10
35	3 3 30	4 0 25	4 1 20	4 2 15	35	4 3 10	5 0 5	5 1 0	5 1 35
36	4 0 8	4 1 4	4 2 0	4 2 36	36	4 3 32	5 0 28	5 1 24	5 2 20
37	4 0 26	4 1 23	4 2 20	4 3 17	37	5 0 14	5 1 11	5 2 8	5 3 5
38	4 1 4	4 2 2	4 3 0	4 3 38	38	5 0 36	5 1 34	5 2 32	5 3 30
39	4 1 22	4 2 21	4 3 20	5 0 19	39	5 1 18	5 2 17	5 3 16	6 0 15
40	4 2 0	4 3 0	5 0 0	5 1 0	40	5 2 0	5 3 0	6 0 0	6 1 0
50	5 2 20	5 3 30	6 1 0	6 2 10	50	6 3 20	7 0 30	7 2 0	7 3 10
60	6 3 0	7 0 20	7 2 0	7 3 20	60	8 1 0	8 2 20	9 0 0	9 1 20
70	7 3 20	8 1 10	8 3 0	9 0 30	70	9 2 20	10 0 10	10 2 0	10 3 30
71	7 3 38	8 1 29	8 3 20	9 1 11	71	9 3 2	10 0 33	10 2 24	11 0 15
72	8 0 16	8 2 8	9 0 0	9 1 32	72	9 3 24	10 1 16	10 3 8	11 1 0



Length.	26 Poles, or $6\frac{1}{2}$ Chains.	27 Poles, or $6\frac{3}{4}$ Chains.	28 Poles, or 7 Chains.	29 Poles, or $7\frac{1}{4}$ Chains.	Length.	30 Poles, or $7\frac{1}{2}$ Chains.	31 Poles, or $7\frac{3}{4}$ Chains.	32 Poles, or 8 Chains.	33 Poles, or $8\frac{1}{2}$ Chains.
Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.	Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 0 26	0 0 27	0 0 28	0 0 29	1	0 0 30	0 0 31	0 0 32	0 0 33
2	0 1 12	0 1 14	0 1 16	0 1 18	2	0 1 20	0 1 22	0 1 24	0 1 26
3	0 1 38	0 2 1	0 2 4	0 2 7	3	0 2 10	0 2 13	0 2 16	0 2 19
4	0 2 24	0 2 28	0 2 32	0 2 36	4	0 3 0	0 3 4	0 3 8	0 3 12
5	0 3 10	0 3 15	0 3 20	0 3 25	5	0 3 30	0 3 35	1 0 0	1 0 5
6	0 3 36	1 0 2	1 0 8	1 0 14	6	1 0 20	1 0 26	1 0 32	1 0 38
7	1 0 22	1 0 29	1 0 36	1 1 3	7	1 1 10	1 1 17	1 1 24	1 1 31
8	1 1 8	1 1 16	1 1 24	1 1 32	8	1 2 0	1 2 8	1 2 16	1 2 24
9	1 1 34	1 2 3	1 2 12	1 2 21	9	1 2 30	1 2 39	1 3 8	1 3 17
10	1 2 20	1 2 30	1 3 0	1 3 10	10	1 3 20	1 3 30	2 0 0	2 0 10
11	1 3 6	1 3 17	1 3 28	1 3 39	11	2 0 10	2 0 21	2 0 32	2 1 3
12	1 3 32	2 0 4	2 0 16	2 0 28	12	2 1 0	2 1 12	2 1 24	2 1 36
13	2 0 18	2 0 31	2 1 4	2 1 17	13	2 1 50	2 2 3	2 2 16	2 2 29
14	2 1 4	2 1 18	2 1 32	2 2 6	14	2 2 20	2 2 34	2 3 8	2 3 22
15	2 1 30	2 2 5	2 2 20	2 2 35	15	2 3 10	2 3 25	3 0 0	3 0 15
16	2 2 16	2 2 32	2 3 8	2 3 24	16	3 0 0	3 0 16	3 0 32	3 1 3
17	2 3 2	2 3 19	2 3 36	3 0 13	17	3 0 30	3 1 7	3 1 24	3 2 1
18	2 3 28	3 0 6	3 0 24	3 1 2	18	3 1 20	3 1 38	3 2 16	3 2 34
19	3 0 14	3 0 33	3 1 12	3 1 31	19	3 2 10	3 2 29	3 3 8	3 3 27
20	3 1 0	3 1 20	3 2 0	3 2 20	20	3 3 0	3 3 20	4 0 0	4 0 20
21	3 1 26	3 2 7	3 2 28	3 3 9	21	3 3 30	4 0 11	4 0 32	4 1 13
22	3 2 12	3 2 34	3 3 16	3 3 38	22	4 0 20	4 1 2	4 1 24	4 2 6
23	3 2 38	3 3 21	4 0 4	4 0 27	23	4 1 10	4 1 33	4 2 16	4 2 39
24	3 3 24	4 0 8	4 0 32	4 1 14	24	4 2 0	4 2 24	4 3 8	4 3 32
25	4 0 10	4 0 35	4 1 20	4 2 5	25	4 2 30	4 3 15	5 0 0	5 0 25
26	4 0 36	4 1 22	4 2 8	4 2 34	26	2 3 20	5 0 6	5 0 32	5 1 18
27	4 1 22	4 2 9	4 2 36	4 3 23	27	5 0 10	5 0 37	5 1 24	5 2 11
28	4 2 8	4 2 36	4 3 24	5 0 12	28	5 1 0	5 1 28	5 2 16	5 3 4
29	4 2 34	4 3 23	5 0 12	5 1 1	29	5 1 30	5 2 19	5 3 8	5 3 37
30	4 3 20	5 0 10	5 1 0	5 1 30	30	5 2 20	5 3 10	6 0 0	6 0 30
31	5 0 6	5 0 37	5 1 28	5 2 19	31	5 3 10	6 0 1	6 0 32	6 1 23
32	5 0 32	5 1 24	5 2 16	5 3 8	32	6 0 0	6 0 32	6 1 24	6 2 16
33	5 1 18	5 2 11	5 3 4	5 3 37	33	6 0 30	6 1 23	6 2 16	6 3 9
34	5 2 4	5 2 58	5 3 32	6 0 26	34	6 1 20	6 2 14	6 3 8	7 0 2
35	5 2 30	5 3 25	6 0 20	6 1 15	35	6 2 10	6 3 5	7 0 0	7 0 35
36	5 3 16	6 0 12	6 1 8	6 2 4	36	6 3 0	6 3 36	7 0 32	7 1 28
37	6 0 2	6 0 39	6 1 36	6 2 33	37	6 3 30	7 0 27	7 1 24	7 2 21
38	6 0 28	6 1 26	6 2 24	6 3 22	38	7 0 20	7 1 13	7 2 16	7 3 14
39	6 1 14	6 2 13	6 3 12	7 0 11	39	7 1 10	7 2 9	7 3 8	8 0 7
40	6 2 0	6 3 0	7 0 0	7 1 0	40	7 2 0	7 3 0	8 0 0	8 1 0
50	8 0 20	8 1 30	8 3 0	9 0 10	50	9 1 20	9 2 30	10 0 0	10 1 10
60	9 3 0	10 0 20	10 2 0	10 3 20	60	11 1 0	11 2 20	12 0 0	12 1 20
70	11 1 20	11 3 10	12 1 0	12 3 30	70	13 0 20	13 2 10	14 0 0	14 1 30
71	11 2 6	11 3 37	12 1 28	13 3 19	71	13 1 10	13 3 1	14 0 32	14 2 23
72	11 2 32	12 0 24	12 2 16	13 0 8	72	13 2 0	13 3 32	14 1 24	14 3 16



# LAND MEASURE.

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Length.	34 Poles, or $8\frac{1}{2}$ Chains.	35 Poles, or $8\frac{3}{4}$ Chains.	36 Poles, or 9 Chains.	37 Poles, or $9\frac{1}{4}$ Chains.	Length.	38 Poles, or $9\frac{1}{2}$ Chains.	39 Poles, or $9\frac{3}{4}$ Chains.	40 Poles, or 10 Chains.	41 Poles, or $10\frac{1}{4}$ Chains.
Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.	Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 0 34	0 0 35	0 0 36	0 0 37	1	0 0 38	0 0 39	0 1 0	0 1 1
2	0 1 28	0 1 30	0 1 32	0 1 34	2	0 1 36	0 1 38	0 2 0	0 2 2
3	0 2 22	0 2 25	0 2 28	0 2 31	3	0 2 34	0 2 37	0 3 0	0 3 3
4	0 3 16	0 3 20	0 3 24	0 3 28	4	0 3 32	0 3 36	1 0 0	1 0 4
5	1 0 10	1 0 15	1 0 20	1 0 25	5	1 0 30	1 0 35	1 1 0	1 1 5
6	1 1 4	1 1 10	1 1 16	1 1 22	6	1 1 28	1 1 34	1 2 0	1 2 6
7	1 1 38	1 2 5	1 2 12	1 2 19	7	1 2 26	1 2 33	1 3 0	1 3 7
8	1 2 32	1 3 0	1 3 8	1 3 16	8	1 3 24	1 3 32	2 0 0	2 0 8
9	1 3 26	1 3 35	2 0 4	2 0 13	9	2 0 22	2 0 31	2 1 0	2 1 9
10	2 0 20	2 0 30	2 1 0	2 1 10	10	2 1 20	2 1 30	2 2 0	2 2 10
11	2 1 14	2 1 25	2 1 36	2 2 7	11	2 2 18	2 2 29	2 3 0	2 3 11
12	2 2 8	2 2 20	2 2 32	2 3 4	12	2 3 16	2 3 28	3 0 0	3 0 12
13	2 3 2	2 3 15	2 3 28	3 0 1	13	3 0 14	3 0 27	3 1 0	3 1 13
14	2 3 36	3 0 10	3 0 24	3 0 38	14	3 1 12	3 1 26	3 2 0	3 2 14
15	3 0 30	3 1 5	3 1 20	3 1 35	15	3 2 10	3 2 25	3 3 0	3 3 15
16	3 1 24	3 2 0	3 2 16	3 2 32	16	3 3 8	3 3 24	4 0 0	4 0 16
17	3 2 18	3 2 35	3 3 12	3 3 29	17	4 0 6	4 0 23	4 1 0	4 1 17
18	3 3 12	3 3 30	4 0 8	4 0 26	18	4 1 4	4 1 22	4 2 0	4 2 18
19	4 0 6	4 0 25	4 1 4	4 1 23	19	4 2 2	4 2 21	4 3 0	4 3 19
20	4 1 0	4 1 20	4 2 0	4 2 20	20	4 3 0	4 3 20	5 0 0	5 0 20
21	4 1 34	4 2 15	4 2 36	4 3 17	21	4 3 38	5 0 19	5 1 0	5 1 21
22	4 2 28	4 3 10	4 3 32	5 0 14	22	5 0 36	5 1 18	5 2 0	5 2 22
23	4 3 22	5 0 5	5 0 28	5 1 11	23	5 1 34	5 2 17	5 3 0	5 3 23
24	5 0 16	5 1 0	5 1 24	5 2 8	24	5 2 32	5 3 16	6 0 0	6 0 24
25	5 1 10	5 1 35	5 2 20	5 3 5	25	5 3 30	6 0 15	6 1 0	6 1 25
26	5 2 4	5 2 30	5 3 16	6 0 2	26	6 0 28	6 1 14	6 2 0	6 2 26
27	5 2 38	5 3 25	6 0 12	6 0 39	27	6 1 26	6 2 13	6 3 0	6 3 27
28	5 3 32	6 0 20	6 1 8	6 1 36	28	6 2 24	6 3 12	7 0 0	7 0 28
29	6 0 26	6 1 15	6 2 4	6 2 33	29	6 3 22	7 0 11	7 1 0	7 1 29
30	6 1 20	6 2 10	6 3 0	6 3 30	30	7 0 20	7 1 10	7 2 0	7 2 30
31	6 2 14	6 3 5	6 3 36	7 0 27	31	7 1 18	7 2 9	7 3 0	7 3 31
32	6 3 8	7 0 0	7 0 32	7 1 24	32	7 2 16	7 3 8	8 0 0	8 0 32
33	7 0 2	7 0 35	7 1 28	7 2 21	33	7 3 14	8 0 7	8 1 0	8 1 33
34	7 0 36	7 1 30	7 2 24	7 3 18	34	8 0 12	8 1 6	8 2 0	8 2 34
35	7 1 30	7 2 25	7 3 20	8 0 15	35	8 1 10	8 2 5	8 3 0	8 3 35
36	7 2 24	7 3 20	8 0 16	8 1 12	36	8 2 8	8 3 4	9 0 0	9 0 36
37	7 3 18	8 0 15	8 1 12	8 2 9	37	8 3 6	9 0 3	9 1 0	9 1 37
38	8 0 12	8 1 10	8 2 8	8 3 6	38	9 0 4	9 1 2	9 2 0	9 2 38
39	8 1 6	8 2 5	8 3 4	9 0 3	39	9 1 2	9 2 1	9 3 0	9 3 39
40	8 2 0	8 3 0	9 0 0	9 1 0	40	9 2 0	9 3 0	10 0 0	10 1 0
50	10 2 20	10 3 30	11 1 0	11 2 10	50	11 3 20	12 0 30	12 2 0	12 3 10
60	12 3 0	13 0 20	13 2 0	13 3 20	60	14 1 0	14 2 20	15 0 0	15 1 20
70	14 3 30	15 1 10	15 3 0	16 0 30	70	16 2 20	17 0 10	17 2 0	17 3 30
71	15 0 14	15 2 5	15 3 36	16 1 27	71	16 3 18	17 1 9	17 3 0	18 0 31
72	15 1 8	15 3 0	16 0 32	16 2 24	72	17 0 16	17 2 8	18 0 0	18 1 32

Length.	42 Poles, or $10\frac{1}{2}$ Chains.	43 Poles, or $10\frac{3}{4}$ Chains.	44 Poles, or 11 Chains.	45 Poles, or $11\frac{1}{4}$ Chains.	Length.	46 Poles, or $11\frac{1}{2}$ Chains.	47 Poles, or $11\frac{3}{4}$ Chains.	48 Poles, or 12 Chains.	49 Poles, or $12\frac{1}{4}$ Chains.
Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.	Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 1 2	0 1 3	0 1 4	0 1 5	1	0 1 6	0 1 7	0 1 8	0 1 9
2	0 2 4	0 2 6	0 2 8	0 2 10	2	0 2 12	0 2 14	0 2 16	0 2 18
3	0 3 6	0 3 9	0 3 12	0 3 15	3	0 3 18	0 3 21	0 3 24	0 3 27
4	1 0 8	1 0 12	1 0 16	1 0 20	4	1 0 24	1 0 28	1 0 32	1 0 36
5	1 1 10	1 1 15	1 1 20	1 1 25	5	1 1 30	1 1 35	1 2 0	1 2 5
6	1 2 12	1 2 18	1 2 24	1 2 30	6	1 2 36	1 3 2	1 3 8	1 3 14
7	1 3 14	1 3 21	1 3 28	1 3 35	7	2 0 2	2 0 9	2 0 16	2 0 23
8	2 0 16	2 0 24	2 0 32	2 1 0	8	2 1 8	2 1 16	2 1 24	2 1 32
9	2 1 18	2 1 27	2 1 36	2 2 5	9	2 2 14	2 2 23	2 2 32	2 3 1
10	2 2 20	2 2 30	2 3 0	2 3 10	10	2 3 20	2 3 30	3 0 0	3 0 10
11	2 3 22	2 3 33	3 0 4	3 0 15	11	3 0 26	3 0 37	3 1 8	3 1 19
12	3 0 24	3 0 36	3 1 8	3 1 20	12	3 1 32	3 2 4	3 2 16	3 2 28
13	3 1 26	3 1 39	3 2 12	3 2 25	13	3 2 38	3 3 11	3 3 24	3 3 37
14	3 2 28	3 3 2	3 3 16	3 3 30	14	4 0 4	4 0 18	4 0 32	4 1 6
15	3 3 30	4 0 5	4 0 20	4 0 35	15	4 1 10	4 1 25	4 2 0	4 2 15
16	4 0 32	4 1 8	4 1 24	4 2 0	16	4 2 16	4 2 32	4 3 8	4 3 24
17	4 1 34	4 2 11	4 2 28	4 3 5	17	4 3 22	4 3 39	5 0 16	5 0 33
18	4 2 36	4 3 14	4 3 32	5 0 10	18	5 0 28	5 1 6	5 1 24	5 2 2
19	4 3 38	5 0 17	5 0 36	5 1 15	19	5 1 34	5 2 13	5 2 32	5 3 11
20	5 1 0	5 1 20	5 2 0	5 2 20	20	5 3 0	5 3 20	6 0 0	6 0 20
21	5 2 2	5 2 23	5 3 4	5 3 25	21	6 0 6	6 0 27	6 1 8	6 1 29
22	5 3 4	5 3 26	6 0 8	6 0 30	22	6 1 12	6 1 34	6 2 16	6 2 38
23	6 0 6	6 0 29	6 1 12	6 1 35	23	6 2 18	6 3 1	6 3 24	7 0 7
24	6 1 8	6 1 32	6 2 16	6 3 0	24	6 3 24	7 0 8	7 0 32	7 1 16
25	6 2 10	6 2 35	6 3 20	7 0 5	25	7 0 30	7 1 15	7 2 0	7 2 25
26	6 3 12	6 3 38	7 0 24	7 1 10	26	7 1 36	7 2 22	7 3 8	7 3 34
27	7 0 14	7 1 1	7 1 28	7 2 15	27	7 3 2	7 3 29	8 0 16	8 1 3
28	7 1 16	7 2 4	7 2 32	7 3 20	28	8 0 8	8 0 36	8 1 24	8 2 12
29	7 2 18	7 3 7	7 3 36	8 0 25	29	8 1 14	8 2 3	8 2 32	8 3 21
30	7 3 20	8 0 10	8 1 0	8 1 30	30	8 2 20	8 3 10	9 0 0	9 0 30
31	8 0 22	8 1 13	8 2 4	8 2 35	31	8 3 26	9 0 17	9 1 8	9 1 39
32	8 1 24	8 2 16	8 3 8	9 0 0	32	9 0 32	9 1 24	9 2 16	9 3 8
33	8 2 26	8 3 19	9 0 12	9 1 5	33	9 1 38	9 2 31	9 3 24	10 0 17
34	8 3 28	9 0 22	9 1 16	9 2 10	34	9 3 4	9 3 38	10 0 32	10 1 26
35	9 0 30	9 1 25	9 2 20	9 3 15	35	10 0 10	10 1 5	10 2 0	10 2 35
36	9 1 32	9 2 28	9 3 24	10 0 20	36	10 1 16	10 2 12	10 3 8	11 0 4
37	9 2 34	9 3 31	10 0 28	10 1 25	37	10 2 22	10 3 19	11 0 16	11 1 13
38	9 3 36	10 0 34	10 1 32	10 2 30	38	10 3 28	11 0 26	11 1 24	11 2 22
39	10 0 38	10 1 37	10 2 36	10 3 35	39	11 0 34	11 1 33	11 2 32	11 3 31
40	10 2 0	10 3 0	11 0 0	11 1 0	40	11 2 0	11 3 0	12 0 0	12 1 0
50	13 0 20	13 1 30	13 3 0	14 0 10	50	14 1 20	14 2 30	15 0 0	15 1 10
60	15 3 0	16 0 20	16 2 0	16 3 20	60	17 1 0	17 2 20	18 0 0	18 1 20
70	18 1 20	18 3 10	19 1 0	19 2 30	70	20 0 20	20 2 10	21 0 0	21 1 30
71	18 2 22	19 0 13	19 2 4	19 3 35	71	20 1 26	20 3 17	21 1 8	21 2 39
72	18 3 24	19 1 16	19 3 8	20 1 0	72	20 2 32	21 0 24	21 2 16	22 0 8

Length.	50 Poles, or 12½ Chains.	51 Poles, or 12¾ Chains.	52 Poles, or 13 Chains.	53 Poles, or 13¼ Chains.	Length.	54 Poles, or 13½ Chains.	55 Poles, or 13¾ Chains.	56 Poles, or 14 Chains.	57 Poles, or 14¼ Chains.
Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.	Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 1 10	0 1 11	0 1 12	0 1 13	1	0 1 14	0 1 15	0 1 16	0 1 17
2	0 2 20	0 2 22	0 2 24	0 2 26	2	0 2 28	0 2 30	0 2 32	0 2 34
3	0 3 30	0 3 33	0 3 36	0 3 39	3	1 0 2	1 0 5	1 0 8	1 0 11
4	1 1 0	1 1 4	1 1 8	1 1 12	4	1 1 16	1 1 20	1 1 24	1 1 28
5	1 2 10	1 2 15	1 2 20	1 2 25	5	1 2 30	1 2 35	1 3 0	1 3 5
6	1 3 20	1 3 26	1 3 32	1 3 38	6	2 0 4	2 0 10	2 0 16	2 0 22
7	2 0 30	2 0 37	2 1 4	2 1 11	7	2 1 18	2 1 25	2 1 32	2 1 39
8	2 2 0	2 2 8	2 2 16	2 2 24	8	2 2 32	2 3 0	2 3 8	2 3 16
9	2 3 10	2 3 19	2 3 28	2 3 37	9	3 0 6	3 0 15	3 0 24	3 0 33
10	3 0 20	3 0 30	3 1 0	3 1 10	10	3 1 20	3 1 30	3 2 0	3 2 10
11	3 1 30	3 2 1	3 2 12	3 2 23	11	3 2 34	3 3 5	3 3 16	3 3 27
12	3 3 0	3 3 12	3 3 24	3 3 36	12	4 0 8	4 0 20	4 0 32	4 1 4
13	4 0 10	4 0 23	4 0 36	4 1 9	13	4 1 22	4 1 35	4 2 8	4 2 21
14	4 1 20	4 1 34	4 2 8	4 2 22	14	4 2 36	4 3 10	4 3 24	4 3 38
15	4 2 30	4 3 5	4 3 20	4 3 35	15	5 0 10	5 0 25	5 1 0	5 1 15
16	5 0 0	5 0 16	5 0 32	5 1 8	16	5 1 24	5 2 0	5 2 16	5 2 32
17	5 1 10	5 1 27	5 2 4	5 2 21	17	5 2 38	5 3 15	5 3 32	6 0 9
18	5 2 20	5 2 38	5 3 16	5 3 34	18	6 0 12	6 0 30	6 1 8	6 1 26
19	5 3 30	6 0 9	6 0 28	6 1 7	19	6 1 26	6 2 5	6 2 24	6 3 3
20	6 1 0	6 1 20	6 2 0	6 2 20	20	6 3 0	6 3 20	7 0 0	7 0 20
21	6 2 10	6 2 31	6 3 12	6 3 33	21	7 0 14	7 0 35	7 1 16	7 1 37
22	6 3 20	7 0 2	7 0 24	7 1 6	22	7 1 28	7 2 10	7 2 32	7 3 14
23	7 0 30	7 1 13	7 1 36	7 2 19	23	7 3 2	7 3 25	8 0 8	8 0 31
24	7 2 0	7 2 24	7 3 8	7 3 32	24	8 0 16	8 1 0	8 1 24	8 2 8
25	7 3 10	7 3 35	8 0 20	8 1 5	25	8 1 30	8 2 15	8 3 0	8 3 25
26	8 0 20	8 1 6	8 1 22	8 2 18	26	8 3 4	8 3 30	9 0 16	9 1 2
27	8 1 30	8 2 17	8 3 4	8 3 31	27	9 0 18	9 1 5	9 1 32	9 2 19
28	8 3 0	8 3 28	9 0 16	9 1 4	28	9 1 32	9 2 20	9 3 8	9 3 36
29	9 0 10	9 0 39	9 1 28	9 2 17	29	9 3 6	9 3 35	10 0 24	10 1 13
30	9 1 20	9 2 10	9 3 0	9 3 30	30	10 0 20	10 1 10	10 2 0	10 2 30
31	9 2 30	9 3 21	10 0 12	10 1 3	31	10 1 34	10 2 25	10 3 16	11 0 7
32	10 0 0	10 0 32	10 1 24	10 2 16	32	10 3 8	11 0 0	11 0 32	11 1 24
33	10 1 10	10 2 3	10 2 36	10 3 29	33	11 0 22	11 1 15	11 2 8	11 3 1
34	10 2 20	10 3 14	11 0 8	11 1 2	34	11 1 36	11 2 30	11 3 24	12 0 18
35	10 3 30	11 0 25	11 1 20	11 2 15	35	11 3 10	12 0 5	12 1 0	12 1 35
36	11 1 0	11 1 36	11 2 32	11 3 28	36	12 0 24	12 1 20	12 2 16	12 3 12
37	11 2 10	11 3 7	12 0 4	12 1 1	37	12 1 38	12 2 35	12 3 32	13 0 29
38	11 3 20	12 0 18	12 1 16	12 2 14	38	12 3 12	13 0 10	13 1 8	13 2 6
39	12 0 30	12 1 29	12 2 28	12 3 27	39	13 0 26	13 1 25	13 2 24	13 3 36
40	12 2 0	12 3 0	13 0 0	13 1 0	40	13 2 0	13 3 0	14 0 0	14 1 0
50	15 2 20	15 3 30	16 1 0	16 2 10	50	16 3 20	17 0 30	17 2 0	17 3 10
60	18 3 0	19 0 20	19 2 0	19 3 20	60	20 1 0	20 2 20	21 0 0	21 1 20
70	21 3 20	22 1 10	22 3 0	23 0 30	70	23 2 20	24 0 10	24 2 0	24 3 30
71	22 0 30	22 2 21	23 0 12	23 2 3	71	23 3 34	24 1 25	24 3 16	25 1 7
72	22 2 0	22 3 32	23 1 24	23 3 16	72	24 1 8	24 3 0	25 0 32	25 2 24



Length.	58 Poles, or $14\frac{1}{2}$ Chains.	59 Poles, or $14\frac{3}{4}$ Chains.	60 Poles, or 15 Chains.	61 Poles, or $15\frac{1}{4}$ Chains.	Length.	62 Poles, or $15\frac{1}{2}$ Chains.	63 Poles, or $15\frac{3}{4}$ Chains.	64 Poles, or 16 Chains.	65 Poles, or $16\frac{1}{4}$ Chains.
Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.	Poles	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 1 18	0 1 19	0 1 20	0 1 21	1	0 1 22	0 1 23	0 1 24	0 1 25
2	0 2 36	0 2 38	0 3 0	0 3 2	2	0 3 4	0 3 6	0 3 8	0 3 10
3	1 0 14	1 0 17	1 0 20	1 0 23	3	1 0 26	1 0 29	1 0 32	1 0 35
4	1 1 32	1 1 36	1 2 0	1 2 4	4	1 2 8	1 2 12	1 2 16	1 2 20
5	1 3 10	1 3 15	1 3 20	1 3 25	5	1 3 30	1 3 35	2 0 0	2 0 5
6	2 0 28	2 0 34	2 1 0	2 1 6	6	2 1 12	2 1 18	2 1 24	2 1 30
7	2 2 6	2 2 13	2 2 20	2 2 27	7	2 2 34	2 3 1	2 3 8	2 3 15
8	2 3 24	2 3 32	3 0 0	3 0 8	8	3 0 16	3 0 24	3 0 32	3 1 0
9	3 1 2	3 1 11	3 1 20	3 1 29	9	3 1 38	3 2 7	3 2 16	3 2 25
10	3 2 20	3 2 30	3 3 0	3 3 10	10	3 3 20	3 3 30	4 0 0	4 0 10
11	3 3 38	4 0 9	4 0 20	4 0 31	11	4 1 2	4 1 13	4 1 24	4 1 35
12	4 1 16	4 1 28	4 2 0	4 2 12	12	4 2 24	4 2 36	4 3 8	4 3 20
13	4 2 34	4 3 7	4 3 20	4 3 33	13	5 0 6	5 0 19	5 0 32	5 1 5
14	5 0 12	5 0 26	5 1 0	5 1 14	14	5 1 28	5 2 2	5 2 16	5 2 30
15	5 1 30	5 2 5	5 2 20	5 2 35	15	5 3 10	5 3 25	6 0 0	6 0 15
16	5 3 8	5 3 24	6 0 0	6 0 16	16	6 0 32	6 1 8	6 1 24	6 2 0
17	6 0 26	6 1 3	6 1 20	6 1 37	17	6 2 14	6 2 31	6 3 8	6 3 25
18	6 2 4	6 2 22	6 3 0	6 3 18	18	6 3 36	7 0 14	7 0 32	7 1 10
19	6 3 22	7 0 1	7 0 20	7 0 39	19	7 1 18	7 1 37	7 2 16	7 2 35
20	7 1 0	7 1 20	7 2 0	7 2 20	20	7 3 0	7 3 20	8 0 0	8 0 20
21	7 2 18	7 2 39	7 3 20	8 0 1	21	8 0 22	8 1 3	8 1 24	8 2 5
22	7 3 36	8 0 18	8 1 0	8 1 22	22	8 2 4	8 2 26	8 3 8	8 3 30
23	8 1 14	8 1 37	8 2 20	8 3 3	23	8 3 26	9 0 9	9 0 32	9 1 15
24	8 2 32	8 3 16	9 0 0	9 0 24	24	9 1 8	9 1 32	9 2 16	9 3 0
25	9 0 10	9 0 35	9 1 20	9 2 5	25	9 2 30	9 3 15	10 0 0	10 0 25
26	9 1 28	9 2 14	9 3 0	9 3 26	26	10 0 12	10 0 38	10 1 24	10 2 10
27	9 3 6	9 3 33	10 0 20	10 1 7	27	10 1 34	10 2 21	10 3 8	10 3 35
28	10 0 24	10 1 12	10 2 0	10 2 28	28	10 3 16	11 0 4	11 0 32	11 1 20
29	10 2 2	10 2 31	10 3 20	11 0 9	29	11 0 38	11 1 27	11 2 16	11 3 5
30	10 3 20	11 0 10	11 1 0	11 1 30	30	11 2 20	11 3 10	12 0 0	12 0 30
31	11 0 38	11 1 29	11 2 20	11 3 11	31	12 0 2	12 0 33	12 1 24	12 2 15
32	11 2 16	11 3 8	12 0 0	12 0 32	32	12 1 24	12 2 16	12 3 8	13 0 0
33	11 3 34	12 0 27	12 1 20	12 2 13	33	12 3 6	12 3 39	13 0 32	13 1 25
34	12 1 12	12 2 6	12 3 0	12 3 34	34	13 0 28	13 1 22	13 2 16	13 3 10
35	12 2 30	12 3 25	13 0 20	13 1 15	35	13 2 10	13 3 5	14 0 0	14 0 35
36	13 0 8	13 1 4	13 2 0	13 2 36	36	13 3 32	14 0 28	14 1 24	14 2 20
37	13 1 26	13 2 23	13 3 20	14 0 17	37	14 1 14	14 2 11	14 3 8	15 0 5
38	13 3 4	14 0 2	14 1 0	14 1 38	38	14 2 36	14 3 34	15 0 32	15 1 30
39	14 0 22	14 1 21	14 2 20	14 3 19	39	15 0 18	15 1 17	15 2 16	15 3 15
40	14 2 0	14 3 0	15 0 0	15 1 0	40	15 2 0	15 3 0	16 0 0	16 1 0
50	18 0 20	18 1 30	18 3 0	19 0 10	50	19 1 20	19 2 30	20 0 0	20 1 10
60	21 3 0	22 0 20	22 2 0	22 3 20	60	23 1 0	23 2 20	24 0 0	24 1 20
70	25 1 20	25 3 10	26 1 0	26 2 30	70	27 0 20	27 2 10	28 0 0	28 1 30
71	25 2 38	26 0 29	26 2 20	27 0 11	71	27 2 2	27 3 33	28 1 24	28 3 15
72	26 0 16	26 2 8	27 0 0	27 1 32	72	27 3 24	28 1 16	28 3 8	29 1 0



Length. Poles	66 Poles, or $16\frac{1}{2}$ Chains.	67 Poles, or $16\frac{3}{4}$ Chains.	68 Poles, or 17 Chains.	69 Poles, or $17\frac{1}{4}$ Chains.	Length. Poles	70 Poles, or $17\frac{1}{2}$ Chains.	71 Poles, or $17\frac{3}{4}$ Chains.	72 Poles, or 18 Chains.
A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.	A. R. P.
1	0 1 26	0 1 27	0 1 28	0 1 29	1	0 1 30	0 1 31	0 1 32
2	0 3 12	0 3 14	0 3 16	0 3 18	2	0 3 20	0 3 22	0 3 24
3	1 0 38	1 1 1	1 1 4	1 1 7	3	1 1 10	1 1 13	1 1 16
4	1 2 24	1 2 28	1 2 32	1 2 36	4	1 3 0	1 3 4	1 3 8
5	2 0 10	2 0 15	2 0 20	2 0 25	5	2 0 30	2 0 35	2 1 0
6	2 1 36	2 2 2	2 2 8	2 2 14	6	2 2 20	2 2 26	2 2 32
7	2 3 22	2 3 29	2 3 36	3 0 3	7	3 0 10	3 0 17	3 0 24
8	3 1 8	3 1 16	3 1 24	3 1 32	8	3 2 0	3 2 8	3 2 16
9	3 2 34	3 3 3	3 3 12	3 3 21	9	3 3 30	3 3 39	4 0 8
10	4 0 20	4 0 30	4 1 0	4 1 10	10	4 1 20	4 1 30	4 2 0
11	4 2 6	4 2 17	4 2 28	4 2 39	11	4 3 10	4 3 21	4 3 32
12	4 3 32	5 0 4	5 0 16	5 0 28	12	5 1 0	5 1 12	5 1 24
13	5 1 18	5 1 31	5 2 4	5 2 17	13	5 2 30	5 3 3	5 3 16
14	5 3 4	5 3 18	5 3 32	6 0 6	14	6 0 20	6 0 34	6 1 8
15	6 0 30	6 1 5	6 1 20	6 1 35	15	6 2 10	6 2 25	6 3 0
16	6 2 16	6 2 32	6 3 8	6 3 24	16	7 0 0	7 0 16	7 0 32
17	7 0 2	7 0 19	7 0 36	7 1 13	17	7 1 30	7 2 7	7 2 24
18	7 1 28	7 2 6	7 2 24	7 3 2	18	7 3 20	7 3 38	8 0 16
19	7 3 14	7 3 33	8 0 12	8 0 31	19	8 1 10	8 1 29	8 2 8
20	8 1 0	8 1 20	8 2 0	8 2 20	20	8 3 0	8 3 20	9 0 0
21	8 2 26	8 3 7	8 3 28	9 0 9	21	9 0 30	9 1 11	9 1 32
22	9 0 12	9 0 34	9 1 16	9 1 38	22	9 2 20	9 3 2	9 3 24
23	9 1 38	9 2 21	9 3 4	9 3 27	23	10 0 10	10 0 33	10 1 16
24	9 3 24	10 0 8	10 0 32	10 1 16	24	10 2 0	10 2 24	10 3 8
25	10 1 10	10 1 35	10 2 20	10 3 5	25	10 3 30	11 0 15	11 1 0
26	10 2 36	10 3 22	11 0 8	11 0 34	26	11 1 20	11 2 6	11 2 32
27	11 0 22	11 1 9	11 1 36	11 2 23	27	11 3 10	11 3 37	12 0 24
28	11 2 8	11 2 36	11 3 24	12 0 12	28	12 1 0	12 1 28	12 2 16
29	11 3 34	12 0 23	12 1 12	12 2 1	29	12 2 30	12 3 19	13 0 8
30	12 1 20	12 2 10	12 3 0	12 3 30	30	13 0 20	13 1 10	13 2 0
31	12 3 6	12 3 37	13 0 28	13 1 19	31	13 2 10	13 3 1	13 3 32
32	13 0 32	13 1 24	13 2 16	13 3 8	32	14 0 0	14 0 32	14 1 24
33	13 2 18	13 3 11	14 0 4	14 0 37	33	14 1 30	14 2 23	14 3 16
34	14 0 4	14 0 38	14 1 32	14 2 26	34	14 3 20	15 0 14	15 1 8
35	14 1 30	14 2 25	14 3 20	15 0 15	35	15 1 10	15 2 5	15 3 0
36	14 3 16	15 0 12	15 1 8	15 2 4	36	15 3 0	15 3 36	16 0 32
37	15 1 2	15 1 39	15 2 36	15 3 33	37	16 0 30	16 1 27	16 2 24
38	15 2 28	15 3 26	16 0 24	16 1 22	38	16 2 20	16 3 18	17 0 16
39	16 0 14	16 1 13	16 2 12	16 3 11	39	17 0 10	17 1 9	17 2 8
40	16 2 0	16 3 0	17 0 0	17 1 0	40	17 2 0	17 3 0	18 0 0
50	20 2 20	20 3 30	21 1 0	21 2 10	50	21 3 20	22 0 30	22 2 0
60	24 3 0	25 0 20	25 2 0	25 3 20	60	26 1 0	26 2 20	27 0 0
70	28 3 20	29 1 10	29 3 0	30 0 30	70	30 2 20	31 0 10	31 2 0
71	29 1 6	29 2 37	30 0 28	30 2 19	71	31 0 10	31 2 1	31 3 32
72	29 2 32	30 0 24	30 2 16	31 0 8	72	32 2 0	31 3 32	32 1 24

TABLE SECOND.—Shewing the Square Measure of any Number of Links, from One to Twenty-four, by any Number of Poles, from One to Seventy-two.

Poles.	Breadth 1 Link.		Breadth 2 Links.		Breadth 3 Links.		Breadth 4 Links.		Poles.	Breadth 5 Links.		Breadth 6 Links.		Breadth 7 Links.		Breadth 8 Links.	
	P.	L.	P.	L.	P.	L.	P.	L.		P.	L.	P.	L.	P.	L.	P.	L.
1	0	25	0	50	0	75	0	100	1	0	125	0	150	0	175	0	200
2	0	50	0	100	0	150	0	200	2	0	250	0	300	0	350	0	400
3	0	75	0	150	0	225	0	300	3	0	375	0	450	0	525	0	600
4	0	100	0	200	0	300	0	400	4	0	500	0	600	1	75	1	175
5	0	125	0	250	0	375	0	500	5	1	0	1	125	1	250	1	375
6	0	150	0	300	0	450	0	600	6	1	125	1	275	1	425	1	575
7	0	175	0	350	0	525	1	75	7	1	250	1	425	1	600	2	150
8	0	200	0	400	0	600	1	175	8	1	375	1	575	2	150	2	350
9	0	225	0	450	1	50	1	275	9	1	500	2	100	2	325	2	550
10	0	250	0	500	1	125	1	375	10	2	0	2	250	2	500	3	125
11	0	275	0	550	1	200	1	475	11	2	125	2	400	3	50	3	325
12	0	300	0	600	1	275	1	575	12	2	250	2	550	3	225	3	525
13	0	325	1	25	1	350	2	50	13	2	375	3	75	3	400	4	100
14	0	350	1	75	1	425	2	150	14	2	500	3	225	3	575	4	300
15	0	375	1	125	1	500	2	250	15	3	0	3	375	4	125	4	500
16	0	400	1	175	1	575	2	350	16	3	125	3	525	4	300	5	75
17	0	425	1	225	2	25	2	450	17	3	250	4	50	4	475	5	275
18	0	450	1	275	2	100	2	550	18	3	375	4	200	5	25	5	475
19	0	475	1	325	2	175	3	25	19	3	500	4	350	5	200	6	50
20	0	500	1	375	2	250	3	125	20	4	0	4	500	5	375	6	250
21	0	525	1	425	2	325	3	225	21	4	125	5	25	5	550	6	450
22	0	550	1	475	2	400	3	325	22	4	250	5	175	6	100	7	25
23	0	575	1	525	2	475	3	425	23	4	375	5	325	6	275	7	225
24	0	600	1	575	2	550	3	525	24	4	500	5	475	6	450	7	425
25	1	0	2	0	3	0	4	0	25	5	0	6	0	7	0	8	0
26	1	25	2	50	3	75	4	100	26	5	125	6	150	7	175	8	200
27	1	50	2	100	3	150	4	200	27	5	250	6	300	7	350	8	400
28	1	75	2	150	3	225	4	300	28	5	375	6	450	7	525	8	600
29	1	100	2	200	3	300	4	400	29	5	500	6	600	8	75	9	175
30	1	125	2	250	3	375	4	500	30	6	0	7	125	8	250	9	375
31	1	150	2	300	3	450	4	600	31	6	125	7	275	8	425	9	575
32	1	175	2	350	3	525	5	75	32	6	250	7	425	8	600	10	150
33	1	200	2	400	3	600	5	175	33	6	375	7	575	9	150	10	350
34	1	225	2	450	4	50	5	275	34	6	500	8	100	9	325	10	550
35	1	250	2	500	4	125	5	375	35	7	0	8	250	9	500	11	125
36	1	275	2	550	4	200	5	475	36	7	125	8	400	10	50	11	325
37	1	300	2	600	4	275	5	575	37	7	250	8	550	10	225	11	525
38	1	325	3	25	4	350	6	50	38	7	375	9	75	10	400	12	100
39	1	350	3	75	4	425	6	150	39	7	500	9	225	10	575	12	300
40	1	375	3	125	4	500	6	250	40	8	0	9	375	11	125	12	500
50	2	0	4	0	6	0	8	0	50	10	0	12	0	14	0	16	0
60	2	250	4	500	7	125	9	375	60	12	0	14	250	16	500	19	125
70	2	500	5	375	8	250	11	125	70	14	0	16	500	19	375	22	250
71	2	525	5	425	8	325	11	225	71	14	125	17	25	19	550	22	450
72	2	550	5	475	8	400	11	325	72	14	250	17	175	20	100	23	25

Poles.	Breadth 9 Links.		Breadth 10 Links.		Breadth 11 Links.		Breadth 12 Links.		Poles.	Breadth 13 Links.		Breadth 14 Links.		Breadth 15 Links.		Breadth 16 Links.	
	P.	L.	P.	L.	P.	L.	P.	L.		P.	L.	R. P.	L.	R. P.	L.	R. P.	L.
1	0	225	0	250	0	275	0	300	1	0	325	0	0	350	0	0	400
2	0	450	0	500	0	550	0	600	2	1	25	0	1	75	0	1	175
3	1	50	1	125	1	200	1	275	3	1	350	0	1	425	0	1	575
4	1	275	1	375	1	475	1	575	4	2	50	0	2	150	0	2	350
5	1	500	2	0	2	125	2	250	5	2	375	0	2	500	0	3	125
6	2	100	2	250	2	400	2	550	6	3	75	0	3	225	0	3	525
7	2	325	2	500	3	50	3	225	7	3	400	0	3	575	0	4	300
8	2	550	3	125	3	325	3	525	8	4	100	0	4	300	0	4	500
9	3	150	3	375	3	600	4	200	9	4	425	0	5	25	0	5	250
10	3	375	4	0	4	250	4	500	10	5	125	0	5	375	0	6	250
11	3	600	4	250	4	525	5	175	11	5	450	0	6	100	0	6	375
12	4	200	4	500	5	175	5	475	12	6	150	0	6	450	0	7	125
13	4	425	5	125	5	450	6	150	13	6	475	0	7	175	0	7	500
14	5	25	5	375	6	100	6	450	14	7	175	0	7	525	0	8	250
15	5	250	6	0	6	375	7	125	15	7	500	0	8	250	0	9	0
16	5	475	6	250	7	25	7	425	16	8	200	0	8	600	0	9	375
17	6	75	6	500	7	300	8	100	17	8	525	0	9	325	0	10	125
18	6	300	7	125	7	575	8	400	18	9	225	0	10	50	0	10	500
19	6	525	7	375	8	225	9	75	19	9	550	0	10	400	0	11	250
20	7	125	8	0	8	500	9	375	20	10	250	0	11	125	0	12	0
21	7	350	8	250	9	150	10	50	21	10	575	0	11	475	0	12	375
22	7	575	8	500	9	425	10	350	22	11	275	0	12	200	0	13	125
23	8	175	9	125	10	75	11	25	23	11	600	0	12	550	0	13	500
24	8	400	9	375	10	350	11	325	24	12	300	0	13	275	0	14	250
25	9	0	10	0	11	0	12	0	25	13	0	0	14	0	0	15	0
26	9	225	10	250	11	275	12	300	26	13	325	0	14	350	0	15	375
27	9	450	10	500	11	550	12	600	27	14	25	0	15	75	0	16	125
28	10	50	11	125	12	200	13	275	28	14	350	0	15	425	0	16	500
29	10	275	11	375	12	475	13	575	29	15	50	0	16	150	0	17	250
30	10	500	12	0	13	125	14	250	30	15	375	0	16	500	0	18	0
31	11	100	12	250	13	400	14	550	31	16	75	0	17	225	0	18	375
32	11	325	12	500	14	50	15	225	32	16	400	0	17	575	0	19	125
33	11	550	13	125	14	325	15	525	33	17	100	0	18	300	0	19	500
34	12	150	13	375	14	600	16	200	34	17	425	0	19	25	0	20	250
35	12	375	14	0	15	250	16	500	35	18	125	0	19	375	0	21	0
36	12	600	14	250	15	525	17	175	36	18	450	0	20	100	0	21	375
37	13	200	14	500	16	175	17	475	37	19	150	0	20	450	0	22	125
38	13	425	15	125	16	450	18	150	38	19	475	0	21	175	0	22	500
39	14	25	15	375	17	100	18	450	39	20	175	0	21	525	0	23	250
40	14	250	16	0	17	375	19	125	40	20	500	0	22	250	0	24	0
50	18	0	20	0	22	0	24	0	50	26	0	0	28	0	0	30	0
60	21	375	24	0	26	250	28	500	60	31	125	0	33	375	0	36	0
70	25	125	28	0	30	500	33	375	70	36	250	0	39	125	1	2	0
71	25	350	28	250	31	150	34	50	71	36	575	0	39	475	1	2	375
72	25	575	28	500	31	425	34	350	72	37	275	1	0	200	1	3	125



## LAND MEASURE.—TABLE SECOND.

Poles.	Breadth 17 Links.	Breadth 18 Links.	Breadth 19 Links.	Breadth 20 Links.	Poles.	Breadth 21 Links.	Breadth 22 Links.	Breadth 23 Links.	Breadth 24 Links.
	R. P. L.	R. P. L.	R. P. L.	R. P. L.		R. P. L.	R. P. L.	R. P. L.	R. P. L.
1	0 0 425	0 0 450	0 0 475	0 0 500	1	0 0 525	0 0 550	0 0 575	0 0 600
2	0 1 225	0 1 275	0 1 325	0 1 375	2	0 1 425	0 1 475	0 1 525	0 1 575
3	0 2 25	0 2 100	0 2 175	0 2 250	3	0 2 325	0 2 400	0 2 475	0 2 550
4	0 2 450	0 2 550	0 3 25	0 3 125	4	0 3 225	0 3 325	0 3 425	0 3 525
5	0 3 250	0 3 375	0 3 500	0 4 0	5	0 4 125	0 4 250	0 4 375	0 4 500
6	0 4 50	0 4 200	0 4 350	0 4 500	6	0 5 25	0 5 175	0 5 325	0 5 475
7	0 4 475	0 5 25	0 5 200	0 5 375	7	0 5 550	0 6 100	0 6 275	0 6 450
8	0 5 275	0 5 475	0 6 50	0 6 250	8	0 6 450	0 7 25	0 7 225	0 7 425
9	0 6 75	0 6 300	0 6 525	0 7 125	9	0 7 350	0 7 575	0 8 175	0 8 400
10	0 6 500	0 7 125	0 7 375	0 8 0	10	0 8 250	0 8 500	0 9 125	0 9 375
11	0 7 300	0 7 575	0 8 225	0 8 500	11	0 9 150	0 9 425	0 10 75	0 10 350
12	0 8 100	0 8 400	0 9 75	0 9 375	12	0 10 50	0 10 350	0 11 25	0 11 325
13	0 8 525	0 9 225	0 9 550	0 10 250	13	0 10 575	0 11 275	0 11 600	0 12 300
14	0 9 325	0 10 50	0 10 400	0 11 125	14	0 11 475	0 12 200	0 12 550	0 13 275
15	0 10 125	0 10 500	0 11 250	0 12 0	15	0 12 375	0 13 125	0 13 500	0 14 250
16	0 10 550	0 11 325	0 12 100	0 12 500	16	0 13 275	0 14 50	0 14 450	0 15 225
17	0 11 350	0 12 150	0 12 575	0 13 375	17	0 14 175	0 14 600	0 15 400	0 16 200
18	0 12 150	0 12 600	0 13 425	0 14 250	18	0 15 75	0 15 525	0 16 350	0 17 175
19	0 12 575	0 13 425	0 14 275	0 15 125	19	0 15 600	0 16 450	0 17 300	0 18 150
20	0 13 375	0 14 250	0 15 125	0 16 0	20	0 16 500	0 17 375	0 18 250	0 19 125
21	0 14 175	0 15 75	0 15 600	0 16 500	21	0 17 400	0 18 300	0 19 200	0 20 100
22	0 14 600	0 15 525	0 16 450	0 17 375	22	0 18 300	0 19 225	0 20 150	0 21 75
23	0 15 400	0 16 350	0 17 300	0 18 250	23	0 19 200	0 20 150	0 21 100	0 22 50
24	0 16 200	0 17 175	0 18 150	0 19 125	24	0 20 100	0 21 75	0 22 50	0 23 25
25	0 17 0	0 18 0	0 19 0	0 20 0	25	0 21 0	0 22 0	0 23 0	0 24 0
26	0 17 425	0 18 450	0 19 475	0 20 500	26	0 21 525	0 22 500	0 23 575	0 24 600
27	0 18 225	0 19 275	0 20 325	0 21 375	27	0 22 425	0 23 475	0 24 525	0 25 575
28	0 19 25	0 20 100	0 21 175	0 22 250	28	0 23 325	0 24 400	0 25 475	0 26 550
29	0 19 450	0 20 550	0 22 25	0 23 125	29	0 24 225	0 25 325	0 26 425	0 27 525
30	0 20 250	0 21 575	0 22 500	0 24 0	30	0 25 125	0 26 250	0 27 375	0 28 500
31	0 21 50	0 22 200	0 23 350	0 24 500	31	0 26 25	0 27 175	0 28 325	0 29 475
32	0 21 475	0 23 25	0 24 200	0 25 375	32	0 26 550	0 28 100	0 29 275	0 30 450
33	0 22 275	0 23 475	0 25 50	0 26 250	33	0 27 450	0 29 25	0 30 225	0 31 425
34	0 23 75	0 24 300	0 25 525	0 27 125	34	0 28 350	0 29 575	0 31 175	0 32 400
35	0 23 500	0 25 125	0 26 375	0 28 0	35	0 29 250	0 30 500	0 32 125	0 33 375
36	0 24 300	0 25 575	0 27 225	0 28 500	36	0 30 150	0 31 425	0 33 75	0 34 350
37	0 25 100	0 26 400	0 28 75	0 29 375	37	0 31 50	0 32 350	0 34 25	0 35 325
38	0 25 525	0 27 225	0 28 550	0 30 250	38	0 31 575	0 33 275	0 34 600	0 36 300
39	0 26 325	0 28 50	0 29 400	0 31 125	39	0 32 475	0 34 200	0 35 550	0 37 275
40	0 27 125	0 28 500	0 30 250	0 32 0	40	0 33 375	0 35 125	0 36 500	0 38 250
50	0 34 0	0 36 0	0 38 0	1 0 0	50	1 2 0	1 4 0	1 6 0	1 8 0
60	1 0 500	1 3 125	1 5 375	1 8 0	60	1 10 250	1 12 500	1 15 125	1 17 375
70	1 7 375	1 10 250	1 13 125	1 16 0	70	1 18 500	1 21 375	1 24 250	1 27 125
71	1 8 175	1 11 75	1 13 600	1 16 500	71	1 19 400	1 22 300	1 25 200	1 28 100
72	1 8 600	1 11 525	1 14 450	1 17 375	72	1 20 300	1 23 225	1 26 150	1 29 75



## LAND MEASURE.—TABLE THIRD.

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SHEWING what width is required, from any given length, to contain exactly one, two, three, or four Acres of Land.

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### EXPLANATION.

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THE pages are here, as before, in columns; and it is quite immaterial which is called the length, and which the breadth, provided the first column is classed with the second, the third with the fourth, &c.

Suppose a Field measures, in length, 30 Poles, what breadth is required to contain 1 Acre?

Look at the top of the page for 1 Acre, then down the first column for 30; and opposite to it, in the second column, is 5 Poles, 8 Links, the breadth required.

If I purchase 3 Acres of Turnips, and the Field they are in measures, in length, 50 Poles, how far in breadth are they mine?

Look under 3 Acres for 50 Poles, and opposite, in the next column, is 9 Poles and 15 Links, the width of the 3 Acres.

A gentleman has a Field of Wheat, ready to cut, and his own labourers and servants are not able to do it as soon as required; he puts out 4 Acres to some person, or persons. How wide must it be to contain the 4 Acres, if the length is 72 Poles?

Underneath 4 Acres, I find 72 Poles, and against it, in the next column, is 8 Poles and 22 Links, the breadth of the four Acres.

If the breadth of 9 Acres had been required, then add the breadth of 1 Acre to double that of 4, or multiply the breadth of 3 Acres by 3, or multiply the width of 1 Acre by 9.

If the breadth of a quarter of an Acre had been required, take a quarter of the breadth of 1 Acre: if half an Acre, take half the breadth. If three quarters of an Acre, add the breadth of the quarter and half together.

Length and Breadth 1 Acre.			Length and Breadth 2 Acres.			Length and Breadth 3 Acres.			Length and Breadth 4 Acres.		
Poles.	P.	L.	Poles.	P.	L.	Poles.	P.	L.	Poles.	P.	L.
1	160	0	1	320	0	1	480	0	1	640	0
2	80	0	2	160	0	2	240	0	2	320	0
3	53	8	3	106	16	3	160	0	3	213	8
4	40	0	4	80	0	4	120	0	4	160	0
5	32	0	5	64	0	5	96	0	5	128	0
6	26	16	6	53	8	6	80	0	6	106	17
7	22	21	7	45	18	7	68	14	7	91	11
8	20	0	8	40	0	8	60	0	8	80	0
9	17	18	9	35	12	9	53	5	9	70	23
10	16	0	10	32	0	10	48	0	10	64	0
11	14	13	11	29	2	11	43	16	11	58	5
12	13	8	12	26	17	12	40	0	12	53	8
13	12	7	13	24	15	13	36	23	13	49	6
14	11	10	14	22	21	14	34	7	14	45	18
15	10	16	15	21	8	15	32	0	15	41	17
16	10	0	16	20	0	16	30	0	16	40	0
17	9	10	17	18	21	17	28	6	17	37	16
18	8	22	18	17	19	18	26	17	18	35	14
19	8	10	19	16	21	19	25	7	19	33	17
20	8	0	20	16	0	20	24	0	20	32	0
21	7	15	21	15	6	21	22	21	21	30	12
22	7	6	22	14	14	22	21	20	22	29	2
23	6	23	23	13	21	23	20	19	23	27	21
24	6	16	24	13	8	24	20	0	24	26	17
25	6	10	25	12	20	25	19	5	25	25	15
26	6	3	26	12	8	26	18	12	26	24	15
27	5	23	27	11	21	27	17	19	27	23	18
28	5	17	28	11	11	28	17	4	28	22	21
29	5	12	29	11	1	29	16	14	29	22	2
30	5	8	30	10	17	30	16	0	30	21	8
31	5	4	31	10	8	31	15	12	31	20	16
32	5	0	32	10	0	32	15	0	32	20	0
33	4	21	33	9	17	33	14	13	33	19	9
34	4	18	34	9	10	34	14	3	34	18	20
35	4	14	35	9	3	35	13	17	35	18	6
36	4	11	36	8	22	36	13	8	36	17	19
37	4	8	37	8	16	37	12	24	37	17	7
38	4	5	38	8	10	38	12	15	38	16	20
39	4	3	39	8	5	39	12	8	39	16	10
40	4	0	40	8	0	40	12	0	40	16	0
50	3	5	50	6	10	50	9	15	50	12	20
60	2	16	60	5	8	60	8	0	60	10	17
70	2	7	70	4	14	70	6	21	70	9	4
71	2	6	71	4	13	71	6	19	71	9	0
72	2	5	72	4	11	72	6	17	72	8	12

## TABLE THE FOURTH.

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SHewing the number of Poles and Links in any Number of Yards, from one to three hundred and ninety-six.

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To those who have not a Land-Chain in their possession, this Table, I presume, will prove both acceptable and useful.

If the dimensions of a Field are taken in Yards, by pacing \*, or otherwise, the number of Poles and Links that they are equal to, is seen at one view, and the content of the Field found as before directed.

### EXAMPLE :

A Field measures, in length, 319 Yards, and in breadth 253 Yards, how many Acres?

Look in the Table for 253 Yards, and against it is 46 Poles; then look for 319 Yards, and against it is 58 Poles; therefore I find the dimensions of the Field, in Poles, is 46 by 58; then, by Table first, look for 46 Poles at the top of the page, and against 58 is 16 Acres, 2 Roods, and 28 Poles.

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\* When the dimensions are taken in Yards by pacing, they must not be considered so correct as if taken with a Chain.

TABLE THE FOURTH.

Yards.	P.	L.	Yards.	P.	L.	Yards.	P.	L.	Yards.	P.	L.	Yards.	P.	L.
1	0	4	38	6	23	74	13	11	111	20	4	148	26	23
2	0	9	38½	7	0	75	13	16	112	20	9	148½	27	0
3	0	13	39	7	2	76	13	20	113	20	13	149	27	2
4	0	18	40	7	7	77	14	0	114	20	18	150	27	7
5	0	23	41	7	11	78	14	4	115	20	23	151	27	11
5½	1	0	42	7	16	79	14	9	115½	21	0	152	27	16
6	1	2	43	7	20	80	14	13	116	21	2	153	27	20
7	1	7	44	8	0	81	14	18	117	21	7	154	28	0
8	1	11	45	8	4	82	14	23	118	21	11	155	28	4
9	1	16	46	8	9	82½	15	0	119	21	16	156	28	9
10	1	20	47	8	13	83	15	2	120	21	20	157	28	13
11	2	0	48	8	18	84	15	7	121	22	0	158	28	18
12	2	4	49	8	23	85	15	11	122	22	4	159	28	23
13	2	9	49½	9	0	86	15	16	123	22	9	159½	29	0
14	2	13	50	9	2	87	15	20	124	22	13	160	29	2
15	2	18	51	9	7	88	16	0	125	22	18	161	29	7
16	2	23	52	9	11	89	16	4	126	22	23	162	29	11
16½	3	0	53	9	16	90	16	9	126½	23	0	163	29	16
17	3	2	54	9	20	91	16	13	127	23	2	164	29	20
18	3	7	55	10	0	92	16	18	128	23	7	165	30	0
19	3	11	56	10	4	93	16	23	129	23	11	166	30	4
20	3	16	57	10	9	93½	17	0	130	23	16	167	30	9
21	3	20	58	10	13	94	17	2	131	23	20	168	30	13
22	4	0	59	10	18	95	17	7	132	24	0	169	30	18
23	4	4	60	10	23	96	17	11	133	24	4	170	30	23
24	4	9	60½	11	0	97	17	16	134	24	9	170½	31	0
25	4	13	61	11	2	98	17	20	135	24	13	171	31	2
26	4	18	62	11	7	99	18	0	136	24	18	172	31	7
27	4	23	63	11	11	100	18	4	137	24	23	173	31	11
27½	5	0	64	11	16	101	18	9	137½	25	0	174	31	16
28	5	2	65	11	20	102	18	13	138	25	2	175	31	20
29	5	7	66	12	0	103	18	18	139	25	7	176	32	0
30	5	11	67	12	4	104	18	23	140	25	11	177	32	4
31	5	16	68	12	9	104½	19	0	141	25	16	178	32	9
32	5	20	69	12	13	105	19	2	142	25	20	179	32	13
33	6	0	70	12	18	106	19	7	143	26	0	180	32	18
34	6	4	71	12	23	107	19	12	144	26	4	181	32	23
35	6	9	71½	13	0	108	19	16	145	26	9	181½	33	0
36	6	13	72	13	2	109	19	20	146	26	13	182	33	2
37	6	18	73	13	7	110	20	0	147	26	18	183	33	7



Yards.	P.	L.	Yards.	P.	L.	Yards.	P.	L.	Yards.	P.	L.	Yards.	P.	L.
184	33	11	225½	41	0	268	48	18	310	56	9	353	64	4
185	33	16	226	41	2	269	48	23	311	56	13	354	64	9
186	33	20	227	41	7	269½	49	0	312	56	18	355	64	13
187	34	0	228	41	11	270	49	2	313	56	20	356	64	18
188	34	4	229	41	16	271	49	7	313½	57	0	357	64	23
189	34	9	230	41	20	272	49	11	314	57	2	358	65	2
190	34	13	231	42	0	273	49	16	315	57	7	359	65	7
191	34	18	232	42	4	274	49	20	316	57	11	360	65	11
192	34	23	233	42	9	275	50	0	317	57	16	361	65	16
192½	35	0	234	42	13	276	50	4	318	57	20	362	65	20
193	35	4	235	42	18	277	50	9	319	58	0	363	66	0
194	35	9	236	42	23	278	50	13	320	58	4	364	66	4
195	35	13	236½	43	0	279	50	18	321	58	9	365	66	9
196	35	18	237	43	2	280	50	23	322	58	13	366	66	13
197	35	23	238	43	7	280½	51	0	323	58	18	367	66	18
197½	36	0	239	43	11	281	51	2	324	58	23	368	66	23
198	36	2	240	43	16	282	51	7	324½	59	0	369	67	2
199	36	6	241	43	20	283	51	11	325	59	2	370	67	7
200	36	10	242	44	0	284	51	16	326	59	7	371	67	11
201	36	14	243	44	4	285	51	20	327	59	11	372	67	16
202	36	18	244	44	9	286	52	0	328	59	16	373	67	20
203	36	22	245	44	13	287	52	4	329	59	20	374	68	0
204	37	1	246	44	18	288	52	9	330	60	0	375	68	4
205	37	5	247	44	23	289	52	13	331	60	4	376	68	9
206	37	9	247½	45	0	290	52	18	332	60	9	377	68	13
207	37	13	248	45	2	291	52	23	333	60	13	378	68	18
208	37	18	249	45	7	291½	53	0	334	60	18	379	68	23
209	37	23	250	45	11	292	53	2	335	60	23	380	69	2
209½	38	0	251	45	16	293	53	7	335½	61	0	381	69	7
210	38	2	252	45	20	294	53	11	336	61	2	382	69	11
211	38	7	253	46	0	295	53	15	337	61	7	383	69	16
212	38	12	254	46	4	296	53	20	338	61	11	384	69	20
213	38	16	255	46	9	297	54	0	339	61	16	385	70	0
214	38	20	256	46	13	298	54	4	340	61	20	386	70	4
215	39	0	257	46	18	299	54	9	341	62	0	387	70	9
216	39	4	258	46	23	300	54	13	342	62	4	388	70	13
217	39	9	258½	47	0	301	54	15	343	62	9	389	70	18
218	39	13	259	47	2	302	54	23	344	62	13	390	70	23
219	39	18	260	47	7	302½	55	0	345	62	18	391	71	2
220	39	23	261	47	11	303	55	2	346	62	23	392	71	7
220½	40	0	262	47	16	304	55	7	347	63	2	393	71	11
221	40	4	263	47	20	305	55	11	348	63	7	394	71	16
222	40	9	264	48	0	306	55	16	349	63	11	395	71	20
223	40	13	265	48	4	307	55	20	350	63	16	396	72	0
224	40	18	266	48	9	308	56	0	351	63	20			
225	40	23	267	48	13	309	56	4	352	64	0			

**EXPOSITION OF THE NEW ACT**  
**FOR**  
**ASCERTAINING AND ESTABLISHING UNIFORMITY**  
**OF**  
**WEIGHTS AND MEASURES.**

## WEIGHTS AND MEASURES.

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In order to explain the principles or theory of Weights and Measures, Measures should be first considered.

Measure, in a commercial sense, signifies the dimensions of any thing bought, sold, valued, or estimated.

Measures are of three sorts, namely, Linear, Lineal, or Long Measure, Square or Superficial Measure, and Solid or Cube Measure.

1st. Linear Measure is applied to lines, as Roads and distances of all kinds.

2d. Square Measure is applied to superficies, having both length and breadth, as Land, Flooring, &c.

3d. Solid Measure determines the contents of bodies that have length, breadth, and thickness, or depth, as Marble, Timber, and Vessels, which latter are also called Measures of Capacity.

Linear Measure is the element of all other measures, and likewise of weights ; it is obtained by the comparison of some known measure, which is acknowledged as a just pattern of length.

Square Measure is determined by multiplying length and breadth together.

Solid Measure by multiplying length, breadth, and depth, together.

Weight may be defined a natural property of matter, proportioned to its bulk and the density of its parts ; it is determined by being balanced in a scale, against some known or acknowledged weight placed in the opposite scale.

A standard for length being once determined, a standard for weight is thence easily deduced ; as a vessel, of any certain dimensions, filled with distilled water, or other homogeneous liquid, will always weigh the same latitude.

A Copy of the Standard Pound was delivered to the House of Commons, and another to the King's Assay Master of the Mint, in whose Office it is still preserved, with Mr. Bird's weighing apparatus. With the above Standard and apparatus some very accurate trials have been made by Robert Bingley, Esq. F.R.S. the King's Assay Master of the Mint. It was found by the trial mentioned, that the Avoirdupoise Standard Pound kept in the Mint, weighs exactly 7000 Grains Troy ; and it was further ascertained that this Pound perfectly agrees with the Bill Standard Pound at Guildhall, and also with that of 1558, kept at the Exchequer ; and this agreement was the more curious and satisfactory, as the Mint Avoirdupoise Pound had always been kept carefully packed up in paper, while the other two Standards were constantly in use, and exposed to the atmosphere.

## P R E F A C E.

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EVERY person that has any dealings, either as bayer or seller, must be concerned to know exactly how he is affected by the change about to take place ; that he may not, on the one hand, be the object of intentional fraud, and, on the other, that he may not himself inadvertently take an unfair advantage.

It must be confessed, that complete uniformity of Weight has not been secured, but very great benefit will undoubtedly accrue from there being only two different Pounds in the kingdom, the Troy and the Avoirdupoise, for the apothecaries pound is the same as the Troy, but differently subdivided. If, however, it had wholly disregarded the Weights, the Act would be invaluable from its firmly establishing uniformity of Measures of Capacity, of which there were at least three authorized varieties, the Beer, Wine, and Dry, besides an indefinite number of others.

For the information of persons unacquainted with decimals, it may be necessary to say that the one-hundredth parts, which are inserted in the Tables, for the sake of accuracy, are, in most cases, scarcely worthy of notice ; but when they are upwards of fifty they may be considered as a quarter of a pint ; for instance, in Table IV., 18 Wine gallons are, within the one-thirtieth part of a pint, equal to 15 gallons of the new standard. This remark particularly applies to 30, 42, and 60 gallons in the same Table.

Tables I., III., and V., shew the value of any quantity of the new standard when compared with the old ; and Tables II., IV., and VI., shew how much of the new standard any quantity of the old is equal to ; but the following observations, placing the subject in different points of view, may perhaps render it still more easy to be understood.

From the 14th section of the Act it appears, that the new standard gallon is to contain 277.274 cubic inches ; the present Beer gallon contains 282 ; the Wine gallon 231 ; and the Dry gallon 268.8 cubic inches.

The new gallon is about one-sixtieth less than the present Beer gallon, and will not produce any reduction in the retail price, the change will therefore be chiefly in favour of dealers, unless an adequate improvement be made in the quality.

By Table I. it will be seen that 60 new gallons are nearly equal to 59 gallons of the present Beer standard, and by Table II., that 60 Beer gallons are a mere trifle more than 61 new gallons.

The difference in the Wine Measure is considerable ; the new gallon being as near as possible  $\frac{1}{80}$ th greater than the present : a corresponding apparent change in price will of course be made. Wine, &c. which is now sold at 5s. per quart, must be charged 6s. ; Spirits, &c. at 15s. per gallon, must rise to 18s., and so on.

By Table III. it appears that 5 new gallons are equal to 6 wine gallons ; and by Table IV. that 6 wine gallons are, within the  $\frac{1}{80}$ th part of a pint, equal to 5 new gallons ; that is, the old wine gallon is  $\frac{1}{80}$ th less than the new standard.

In Dry Measure the new gallon exceeds the present by about  $\frac{1}{33}$ . The difference is too small to affect the retail price ; the advantage will be to the dealers. It is shewn in Table V. that the corn chaldron of 32 bushels, of the new standard, is nearly equal to 33 bushels of the old Dry Measure ; and in Table VI. that 32 bushels, old standard, are equal to 31 of the new.



## ABSTRACT.

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ALL superficial measures shall be computed by the said standard, or by certain proportions thereof; and the rood of Land shall contain one thousand two hundred and ten square yards; and the acre of Land shall contain four thousand eight hundred and forty such square yards; being one hundred and sixty square perches, poles or rods.

### STANDARD POUND DEFINED.

From 1st January, 1826, the standard brass weight of one pound Troy Weight, made in the year 1758, shall be the original and genuine standard measure of weight; and such brass weight shall be denominated the Imperial Standard Troy Pound, and shall be the unit or only standard measure of weight from which all other weights shall be computed: and one twelfth part of the said Troy pound shall be an ounce; and one twentieth part of such ounce shall be a pennyweight; and one twenty-fourth part of such pennyweight shall be a grain; so that five thousand seven hundred and sixty such grains shall be a Troy pound; also seven thousand such grains shall be a pound Avoirdupoise; and one sixteenth part thereof shall be an ounce Avoirdupoise; and one sixteenth part of such ounce shall be a drachm.

Standard gallon to contain 10 pounds Avoirdupoise of water.

From the 1st day of January, 1826, the standard measure of capacity, as well for liquids as for dry goods not measured by heaped measure, shall be the gallon, containing ten pounds Avoirdupoise weight of distilled water weighed in air, at the temperature of 62 degrees of Fahrenheit's thermometer, the barometer being at 30 inches; and a measure shall be forthwith made of brass, of such contents as aforesaid, under the direction of the Lord High Treasurer of the United Kingdom, or any three or more of them, for the time being; and such brass measure shall be the Imperial Standard Gallon, and shall be the unit and only standard measure of capacity, from which all other measures of capacity to be used, as well for Wine, Beer, Ale, Spirits, and all sorts of liquids, as for dry goods not measured by heaped measure, shall be computed; and all measures shall be taken in certain proportions of the said Imperial Standard Gallon; and the quart shall be the fourth part thereof; and the pint shall be one eighth thereof; and two such gallons shall be a peck; and eight such gallons shall be a bushel; and eight such bushels a quarter of Corn, or other dry goods not measured by heaped measure.

#### STANDARD FOR HEAPED MEASURE.

The standard measure of capacity for Coals, Culm, Lime, Fish, Potatoes, or Fruit, and all goods and things commonly sold by heaped measure, shall be the aforesaid bushel, containing eighty pounds Avoirdupoise of water, as aforesaid; the same being made round, with a plain and even bottom, and being nineteen inches and a half from outside to outside of such standard measure, as aforesaid.

#### HOW THE BUSHEL SHALL BE HEAPED.

In making use of such bushel, all Coals and other goods and things commonly sold by heaped measure, shall be duly heaped up in such bushel in the form of a cone; such cone to be of the height of at least six inches, and the outside of the bushel to be the extremity of the base of such cone; and three bushels shall be a sack, and twelve sacks shall be a chaldron.

Weight or heaped measure to be used for Coals, &c. Weight or stricken measure for other articles.

All contracts, bargains, sales, and dealings for any Coals, Culm, Lime, Fish, Potatoes, or Fruit, and all other goods and things commonly sold by heaped measure, sold, delivered, done, or agreed for, or to be sold &c. by weight or measure, shall be either according to the said standard of weight, or the said standard for heaped measure; but all contracts, &c. and dealings for any other goods, wares, or merchandize, or other thing to be sold, &c. by weight or measure, shall be made according to the standard of weight, or to the said gallon, or the parts, multiples, or proportions thereof; and in using the same, the measures shall not be heaped, but shall be stricken with a round stick or roller, straight, and of the same diameter from end to end.

Tables comparing the Troy and Avoirdupoise Weights are not often to be met with; those we have given are more complete than any we have seen. In many books of arithmetic the Avoirdupoise pound is stated at half a Troy grain less than is correct.

## **SIX ORIGINAL TABLES**

**COMPARING THE OLD STANDARD WITH THOSE ESTABLISHED  
BY THIS ACT.**

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### **TABLES**

**COMPARING THE TROY AND AVOIRDUPOISE WEIGHTS.**

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**TABLES OF WEIGHTS AND MEASURES,**

**ADAPTED TO THE NEW ACT.**

TABLE I.  
BEER MEASURE.

NEW STANDARD.	OLD STANDARD.				
	Gallons.	Quarts.	Pints.	Gills.	100th Parts.
Gill....equal to	0	0	0	0	98
Half Pint .....	0	0	0	1	96
3 Gills .....	0	0	0	2	95
Pint .....	0	0	0	3	93
Quart .....	0	0	1	3	86
Half Gallon ...	0	1	1	3	73
Gallon .....	0	3	1	3	46
2 Gallons .....	1	3	1	2	92
3 Gallons .....	2	3	1	2	39
4 Gallons .....	3	3	1	1	85
5 Gallons .....	4	3	1	1	31
6 Gallons .....	5	3	1	0	78
7 Gallons .....	6	3	1	0	24
8 Gallons .....	7	3	0	3	71
9 Gall. or Firkin..	8	3	0	3	17
10 Gallons .....	9	3	0	2	63
18 Gall. or Kilderkn <sup>n</sup>	17	2	1	2	34
20 Gallons .....	19	2	1	1	27
30 Gallons .....	29	1	1	3	90
36 Gall. or Barrel..	35	1	1	0	69
40 Gallons .....	39	1	0	2	54
50 Gallons .....	49	0	1	1	17
54 Gallons or Hhd.	53	0	0	3	03
60 Gallons .....	58	3	1	3	81
70 Gallons .....	68	3	0	2	44
72 Gall. or Punch <sup>n</sup> .	70	3	0	1	38
80 Gallons .....	78	2	1	1	08
90 Gallons .....	88	1	1	3	72
100 Gallons .....	98	1	0	2	35
108 Gallons or Butt	106	0	1	2	06

TABLE II.  
BEER MEASURE.

OLD STANDARD.	NEW STANDARD.				
	Gallons.	Quarts.	Pints.	Gills.	100th Parts.
Gill....equal to	0	0	0	1	09
Half Pint .....	0	0	0	2	03
3 Gills .....	0	0	0	3	03
Pint .....	0	0	1	0	03
Quart .....	0	1	0	0	13
Half Gallon ...	0	2	0	0	23
Gallon .....	1	0	0	0	53
2 Gallons .....	2	0	0	1	09
3 Gallons .....	3	0	0	1	63
4 Gallons .....	4	0	0	2	13
5 Gallons .....	5	0	0	2	73
6 Gallons .....	6	0	0	3	23
7 Gallons .....	7	0	0	3	83
8 Gallons .....	8	0	1	0	33
9 Gall. or Firkin..	9	0	1	0	93
10 Gallons .....	10	0	1	1	43
18 Gall. or Kilderkn <sup>n</sup>	18	1	0	1	83
20 Gallons .....	20	1	0	2	93
30 Gallons .....	30	2	0	0	33
36 Gall. or Barrel..	36	2	0	3	63
40 Gallons .....	40	2	1	1	83
50 Gallons .....	50	3	0	3	23
54 Gallons or Hhd.	54	3	1	1	43
60 Gallons .....	61	0	0	0	73
70 Gallons .....	71	0	1	2	13
72 Gall. or Punch <sup>n</sup> .	73	0	1	3	23
80 Gallons .....	81	1	0	3	63
90 Gallons .....	91	2	0	1	03
100 Gallons .....	101	2	1	2	53
108 Gallons or Butt	109	3	0	2	93

BEER MEASURE.

4 Gills.....	make 1 Pint.
2 Pints .....	1 Quart.
4 Quarts .....	1 Gallon.
9 Gallons .....	1 Firkin.
18 Gallons .....	1 Kilderkin.
36 Gallons .....	1 Barrel.
54 Gallons .....	1 Hogshead.
72 Gallons .....	1 Puncheon.
108 Gallons .....	1 Butt.



TABLE III.  
WINE MEASURE.

NEW STANDARD.	OLD STANDARD.				
	Gallons.	Quarts.	Pints.	Gills.	100th parts.
Gill....equal to	0	0	0	1	20
Half Pint .....	0	0	0	2	40
3 Gills .....	0	0	0	3	60
Pint .....	0	0	1	0	80
Quart .....	0	1	0	1	60
Half Gallon ...	0	2	0	3	20
Gallon .....	1	0	1	2	41
2 Gallons .....	2	1	1	0	82
3 Gallons .....	3	2	0	3	23
4 Gallons .....	4	3	0	1	64
5 Gallons .....	6	0	0	0	05
6 Gallons .....	7	0	1	2	46
7 Gallons .....	8	1	1	0	87
8 Gallons .....	9	2	0	3	28
9 Gallons .....	10	3	0	1	69
10 Gall. or Anker	12	0	0	0	10
18 Gall. or Rundlet	21	2	0	3	38
20 Gallons .....	24	0	0	0	20
30 Gallons .....	36	0	0	0	30
40 Gallons .....	48	0	0	0	40
42 Gall. or Tierce .	50	1	1	1	22
50 Gallons .....	60	0	0	0	50
60 Gallons .....	72	0	0	0	60
63 Gallons or Hhd.	75	2	0	3	83
70 Gallons .....	84	0	0	0	70
80 Gallons .....	96	0	0	0	80
84 Gall. or Punch <sup>n</sup> .	100	3	0	2	44
90 Gallons .....	103	0	0	0	90
100 Gallons .....	120	0	0	1	00
126 Gallons or Pipe	151	0	1	3	66
252 Gallons or Butt	302	1	1	3	33

TABLE IV.  
WINE MEASURE.

OLD STANDARD.	NEW STANDARD.				
	Gallons.	Quarts.	Pints.	Gills.	100th parts.
Gill....equal to	0	0	0	0	83
Half Pint .....	0	0	0	1	66
3 Gills .....	0	0	0	2	49
Pint .....	0	0	0	3	33
Quart .....	0	0	1	2	66
Half Gallon ...	0	1	1	1	32
Gallon .....	0	3	0	2	65
2 Gallons .....	1	2	1	1	31
3 Gallons .....	2	1	1	3	97
4 Gallons .....	3	1	0	2	63
5 Gallons .....	4	0	1	1	29
6 Gallons .....	4	3	1	3	95
7 Gallons .....	5	3	0	2	61
8 Gallons .....	6	2	1	1	26
9 Gallons .....	7	1	1	3	93
10 Gall. or Anker	8	1	0	2	58
18 Gall. or Rundlet	14	3	1	3	87
20 Gallons .....	16	2	1	1	19
30 Gallons .....	24	3	1	3	78
40 Gallons .....	33	1	0	2	38
42 Gall. or Tierce .	34	3	1	3	70
50 Gallons .....	41	2	1	0	93
60 Gallons .....	49	3	1	3	57
63 Gallons or Hhd.	52	2	1	3	55
70 Gallons .....	58	1	0	2	17
80 Gallons .....	66	2	1	0	71
84 Gall. or Punch <sup>n</sup> .	69	3	1	3	40
90 Gallons .....	74	3	1	3	36
100 Gallons .....	83	1	0	1	96
126 Gallons or Pipe	104	3	1	3	11
252 Gallons or Butt	209	3	1	2	22

WINE MEASURE.

4 Gills.....	make 1 Pint.
2 Pints .....	1 Quart.
4 Quarts .....	1 Gallon.
10 Gallons .....	1 Anker.
18 Gallons .....	1 Rundlet.
42 Gallons .....	1 Tierce.
63 Gallons .....	1 Hogshead.
84 Gallons .....	1 Puncheon.
126 Gallons .....	1 Pipe.
252 Gallons .....	1 Butt or Tun.

TABLE V.  
DRY MEASURE.

NEW STANDARD.	OLD STANDARD.					
	Bushels.	Pecks.	Gallons.	Quarts.	Pints.	Gills. 100 <sup>th</sup> pts.
Gill, equal to....	0	0	0	0	0	1 03
Half Pint. ....	0	0	0	0	0	2 06
3 Gills .....	0	0	0	0	0	3 09
Pint .....	0	0	0	0	1	0 12
Quart .....	0	0	0	1	0	0 25
2 Quarts, or Pottle.	0	0	0	2	0	0 50
Gallon.....	0	0	1	0	1	0 01
Peck.....	0	1	0	0	0	2 02
Half Bushel ....	0	2	0	0	1	0 03
3 Pecks .....	0	3	0	0	1	2 04
Bushel.....	1	0	0	1	0	0 07
2 Bush. or Strike..	2	0	0	2	0	0 14
3 Bushels .....	3	0	0	3	0	0 21
4 Bush. or Coombe	4	0	1	0	0	0 28
5 Bushels .....	5	0	1	1	0	0 35
6 Bushels .....	6	0	1	2	0	0 42
7 Bushels .....	7	0	1	3	0	0 49
8 Bush. or Quarter.	8	1	0	0	0	0 56
9 Bushels .....	9	1	0	1	0	0 63
10 Bushels .....	10	1	0	2	0	0 70
20 Bushels .....	20	2	1	0	1	0 40
30 Bushels .....	30	3	1	2	0	2 11
32 Bushels, or Chald.	33	0	0	0	0	2 24
36 Bush. Coal Chald.	37	0	1	0	0	2 52
40 Bushels, or Wey.	41	1	0	0	0	2 81
50 Bushels .....	51	2	0	2	0	3 52
60 Bushels .....	61	3	1	0	1	0 22
70 Bushels .....	72	0	1	2	1	0 93
80 Bushels, or Last..	82	2	0	0	1	1 63
90 Bushels .....	92	3	0	2	1	2 33
100 Bushels .....	103	0	1	0	1	3 04

TABLE VI.  
DRY MEASURE.

OLD STANDARD.	NEW STANDARD.					
	Bushels.	Pecks.	Gallons.	Quarts.	Pints.	Gills. 100 <sup>th</sup> pts.
Gill ..... equal to	0	0	0	0	0	0 99
Half Pint. ....	0	0	0	0	0	1 99
3 Gills .....	0	0	0	0	0	2 99
Pint .....	0	0	0	0	0	3 88
Quart .....	0	0	0	0	1	3 77
2 Quarts, or Pottle.	0	0	0	1	1	3 55
Gallon.....	0	0	0	3	1	3 09
Peck .....	0	0	1	3	1	2 04
Half Bushel.....	0	1	1	3	1	0 08
3 Pecks .....	0	2	1	3	0	2 13
Bushel.....	0	3	1	3	0	0 17
2 Bushels, or Strike	1	3	1	2	0	0 33
3 Bushels .....	2	3	1	1	0	0 55
4 Bushels .....	3	3	1	0	0	0 70
5 Bushels .....	4	3	0	3	0	0 88
6 Bushels .....	5	3	0	2	0	1 03
7 Bushels .....	6	3	0	1	0	1 23
8 Bush. or Quarter.	7	3	0	0	0	1 40
9 Bushels .....	8	2	1	3	0	1 58
10 Bushels .....	9	2	1	2	0	1 70
20 Bushels .....	19	1	1	0	0	3 53
30 Bushels .....	29	0	0	2	1	1 30
32 Bushels, or Chald.	31	0	0	0	1	1 63
36 Bush. Coal Chald.	34	3	1	0	1	2 34
40 Bushels, or Wey..	38	3	0	0	1	3 06
50 Bushels .....	48	1	1	3	0	0 53
60 Bushels .....	58	0	1	1	0	2 60
70 Bushels .....	67	3	0	3	1	0 36
80 Bushels, or Last..	77	2	0	1	1	2 13
90 Bushels .....	87	0	1	3	1	3 90
100 Bushels .....	96	3	1	2	1	0 66

DRY MEASURE.

4 Gills .....	make	1 Pint.
2 Pints .....		1 Quart.
2 Quarts.....		1 Pottle.
4 Quarts .....		1 Gallon.
2 Gallons .....		1 Peck.
4 Pecks .....		1 Bushel.
2 Bushels .....		1 Strike.
4 Bushels .....		1 Coombe.
8 Bushels .....		1 Quarter.
4 Quarters .....		1 Chaldron.
5 Quarters .....		1 Wey.
2 Weys .....		1 Last.

# TABLES

COMPARING THE

## TROY AND AVOIRDUPOISE WEIGHTS.

Troy.	Avoirdupoise oz. dr.	Apothecaries.	oz. dr.
Grain..... equal to ....	0 0 $\frac{32}{875}$	Scruple ..... equal to....	0 0 $\frac{28}{175}$
Pennyweight .....	0 $\frac{768}{875}$	Drachm .....	0 $\frac{34}{175}$
Ounce .....	1 $\frac{97}{175}$	The Apothecaries' Grain, Ounce, and	
Pound .....	13 $\frac{214}{175}$	Pound are the same as the Troy.	

Avoirdupoise.	Troy lb. oz. dwt. gr.
Drachm ..... equal to....	0 0 1 $\frac{31}{32}$
Ounce .....	0 0 18 $\frac{5}{16}$
Pound .....	1 2 11 16
Quarter of a Cwt. ....	34 0 6 16
Hundred-weight .....	136 1 6 16
Ton .....	2722 2 13 8

175 Troy Pounds .....	144 Avoirdupoise Pounds.
175 Troy Ounces .....	192 Avoirdupoise Ounces.

## TABLES OF WEIGHTS AND MEASURES.

### TROY WEIGHT.

24 Grains	make 1 Pennyweight.
20 Pennyweights ....	1 Ounce.
12 Ounces	.... 1 Pound.

### AVOIRDUPOISE WEIGHT.

16 Drachms	make 1 Ounce.
16 Ounces	.... 1 Pound.
14 Pounds	.... 1 Stone.
28 Pounds	.... 1 Quarter.
4 Quarters	.... 1 Cwt.
20 Hundred Weight ....	1 Ton.

### APOTHECARIES WEIGHT.

20 Grains	make	1 Scruple.
3 Scruples	....	1 Drachm.
8 Drachms	....	1 Ounce.
12 Ounces	....	1 Pound.

### LONG MEASURE.

3 Barley Corns	make 1 Inch.
12 Inches	.... 1 Foot.
3 Feet	.... 1 Yard.
6 Feet	.... 1 Fathom.
$5\frac{1}{2}$ Yards	.... { 1 Rod, Pole, or
	Perch.
40 Poles or 220 Yards	{ .... 1 Furlong.
8 Furlongs, or 1760 Yards	{ .... 1 Mile.
3 Miles	.... 1 League.
$69\frac{1}{2}$ Miles	.... 1 Degree.

### SQUARE OR SUPERFICIAL MEASURE.

144 Square Inches	make 1 Square Foot.
9 Feet	.... 1 Yard.
$30\frac{1}{4}$ Yards	.... 1 Pole.
40 Poles, or 1210 Square Yards	{ .... 1 Rood.
4 Roods, or 4840 Square Yards	{ .... 1 Acre.

**CUBE, or SOLID MEASURE.**  
 1728 Solid Inches make 1 Solid Foot.  
 27 Feet 1 Yard, or Load.

**CLOTH MEASURE.**  
 2 $\frac{1}{4}$  Inches make 1 Nail.  
 4 Nails .... 1 Quarter of a Yard.  
 3 Quarters .... 1 Flemish Ell.  
 4 Quarters .... 1 Yard.  
 5 Quarters .... 1 English Ell.  
 6 Quarters .... 1 Flemish Ell.

**COAL MEASURE.**  
 3 Bushels make 1 Sack.  
 9 Bushels .... 1 Vat.  
 36 Bushels, or 12 } .... 1 Chaldron.  
       Sacks }

5 $\frac{1}{4}$  Chaldrons make 1 Room.  
 21 Chaldrons .... 1 Score.

**HAY and STRAW.**  
 36 Pounds make 1 Truss Straw.  
 56 Pounds .... 1 Truss Old Hay.  
 60 Pounds .... 1 Truss New Hay.  
 36 Trusses .... 1 Load.

**WOOL WEIGHT.**  
 7 Pounds make 1 Clove.  
 14 Pounds, or 2 Cloves .... 1 Stone.  
 28 Pounds, or 2 Stones .... 1 Todd.  
 6 $\frac{1}{2}$  Todds .... 1 Wey.  
 2 Weyes .... 1 Sack.  
 12 Sacks .... 1 Last.

#### TIME.

60 Seconds make 1 Minute.  
 60 Minutes .... 1 Hour.  
 24 Hours .... 1 Day.  
 7 Days .... 1 Week.  
 4 Weeks .... 1 Month.  
 13 Months, 1 Day, and 6 Hours, or 365 $\frac{1}{4}$  Days, 1 Julian Year.

#### THE STERLING JUG,

Containing one Scotch Pint, is the original standard of all Liquid and Dry Measure, and of all Weights in Scotland. It contains 103,465 cubic inches; when accurately filled with water at Leith, the water weighs 3 pounds 7 ounces of Scots Troy (equal to 55 ounces, or to 26,180 English Troy grains); so that one ounce weighs 476 English Troy grains.

A TABLE for computing Corn by the Foot Cube.

Feet.	Units.			Tens.			Hundreds.			Thousands.		
	Bush.	Gall.	Qrts.	Bush.	Gall.	Qrts.	Bush.	Gall.	Qrts.	Bush.	Gall.	Qrts.
1	0	6	0	7	6	1	77	7	3	779	5	2
2	1	4	1	15	4	3	155	7	2	1559	3	0
3	2	2	2	23	3	0	233	7	1	2339	0	2
4	3	0	3	31	1	2	311	7	0	3118	6	0
5	3	7	0	38	7	3	389	6	3	3898	3	2
6	4	5	1	46	6	1	467	6	2	4678	1	0
7	5	3	2	54	4	2	545	6	1	5457	6	2
8	6	1	3	62	3	0	623	6	0	6237	4	0
9	7	0	0	70	1	1	701	5	3	7017	1	2

A Floor of Corn, 40 feet in length, 25 feet in breadth, and average 21 inches in height, how many bushels does it contain?

	Feet.	Feet.	is	Bush.	Gall.	Qrts.
Length	40	1000		779	5	2
Breadth	25	700		545	6	1
		50		38	7	3
Height	1000					
	1.9	1750 feet.	8)	1364	3	2 Bushels, &c.
	1750 Cubic feet.					170 Qrs. 4 Bush. 3 Galls. 2 Qrts.



## AN INTEREST TABLE AT £4 PER CENT.

From one Day to a Year, and from one Pound to two hundred.

Days.	£1		£2		£3		£4		£5		£10		£20		£30			
	F.	P.	P.	F.	P.	P.	F.	P.	P.	F.	P.	P.	F.	P.	F.	S.	P.	F.
1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	0	3
2	0	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0	1	2
3	0	0	0	0	1	0	0	2	0	1	0	0	1	1	0	3	0	1
4	0	1	0	0	2	0	1	0	0	1	2	0	2	0	0	1	0	0
5	0	1	0	0	1	0	1	1	0	2	2	0	2	2	1	1	1	0
6	0	1	0	1	0	0	1	2	0	2	2	1	0	3	0	1	2	1
7	0	2	0	1	1	0	2	0	0	2	2	0	3	2	1	3	1	0
8	0	2	0	1	2	0	2	1	0	3	1	1	0	0	2	0	1	0
9	0	2	0	1	2	0	2	2	0	3	2	1	0	2	2	1	1	0
10	1	0	0	2	0	0	3	0	1	0	0	1	1	1	2	2	2	0
11	1	0	0	2	1	0	3	1	1	0	2	1	1	2	2	3	2	0
12	1	0	0	2	1	0	3	2	1	1	0	1	2	1	3	0	2	0
13	1	1	0	2	2	1	0	0	1	1	1	1	2	2	3	1	2	0
14	1	1	0	2	2	1	0	1	1	1	2	1	3	1	3	2	2	0
15	1	1	0	3	0	1	0	2	1	2	1	2	0	0	4	0	0	0
16	1	2	0	3	1	1	1	0	1	2	2	2	0	1	4	1	0	0
17	1	2	0	3	1	1	1	1	1	3	0	2	1	0	4	2	0	0
18	1	2	0	3	2	1	1	2	1	3	2	2	1	1	4	3	0	0
19	2	0	1	0	0	1	2	0	2	0	0	2	2	0	5	0	0	0
20	2	0	1	0	0	1	2	1	2	0	1	2	2	2	5	1	1	0
21	2	0	1	0	1	1	2	2	2	0	2	2	3	0	5	2	1	0
22	2	1	1	0	2	1	3	0	2	1	1	2	3	2	5	3	1	0
23	2	1	1	0	2	1	3	1	2	1	2	3	0	0	6	0	1	1
24	2	1	1	1	0	1	3	2	2	2	0	3	0	2	6	1	1	1
25	2	2	1	1	1	2	0	0	2	2	2	3	1	1	6	2	2	1
26	2	2	1	1	1	2	0	0	2	3	0	3	1	2	6	3	2	1
27	2	2	1	1	2	2	0	1	2	3	1	3	2	1	7	0	2	1
28	2	2	1	1	2	2	0	2	2	3	2	3	2	2	7	1	2	1
29	3	0	1	2	0	2	1	0	3	0	1	3	3	1	7	2	2	1
30	3	0	1	2	1	2	1	1	3	0	2	4	0	0	8	0	0	1
Month.	d.	f.	s.	d.	f.	s.	d.	f.	s.	d.	f.	s.	d.	f.	s.	d.	f.	£
1	0	3	0	1	2	0	2	1	0	3	0	0	4	0	0	8	1	4
2	1	2	0	3	0	0	4	3	0	6	1	0	8	0	1	4	2	
3	2	1	0	4	3	0	7	0	0	9	2	1	0	0	2	0	4	
4	3	0	0	6	1	0	9	2	1	0	3	1	4	0	2	8	5	
5	4	0	0	8	0	1	0	0	1	4	0	1	8	0	3	4	6	
6	4	3	0	9	2	1	2	1	1	7	0	2	0	0	4	0	8	
7	5	2	0	9	2	1	4	3	1	10	1	2	4	0	4	8	9	
8	6	1	1	0	3	1	7	0	2	1	2	2	8	0	5	4	10	
9	7	0	1	2	1	1	9	2	2	4	3	3	0	0	6	0	12	
10	8	0	1	4	0	2	0	0	2	8	0	3	4	0	6	8	13	
11	8	3	1	5	2	2	2	1	2	11	1	3	8	0	7	4	14	
12	9	2	1	7	0	2	4	3	3	2	3	4	0	0	8	0	16	

Days.	£40			£50			£60			£70			£80			£90			£100			£200		
	S.	P.	F.	S.	P.	F.	S.	P.	F.	S.	P.	F.	S.	P.	F.	S.	P.	F.	S.	P.	F.	S.	P.	F.
1	0	1	0	0	1	1	0	1	2	0	1	3	0	2	0	0	2	1	0	2	2	0	5	1
2	0	2	0	0	2	2	0	3	0	0	3	2	0	4	1	0	4	3	0	5	1	0	10	2
3	0	3	0	0	4	0	0	4	3	0	5	2	0	6	1	0	7	0	0	8	0	1	4	0
4	0	4	1	0	5	1	0	6	1	0	7	2	0	8	2	0	9	2	0	10	2	1	9	1
5	0	5	1	0	6	2	0	8	0	0	9	1	0	10	2	1	0	0	1	1	1	2	2	2
6	0	6	1	0	8	0	0	9	2	0	11	0	1	0	3	1	2	1	1	4	0	2	8	0
7	0	7	1	0	9	1	0	11	0	1	1	0	1	2	3	1	4	3	1	6	2	3	1	1
8	0	8	2	0	10	2	1	0	3	1	2	3	1	5	0	1	7	0	1	9	1	3	6	2
9	0	9	2	1	0	0	1	2	1	1	4	3	1	7	0	1	9	2	2	0	0	4	0	0
10	0	10	2	1	1	1	1	4	0	1	6	2	1	9	1	2	0	0	2	2	2	4	5	1
11	0	11	2	1	2	2	1	5	2	1	8	2	1	11	1	2	2	1	2	5	1	4	10	2
12	1	0	3	1	4	0	1	7	0	1	10	2	2	1	2	2	4	3	2	8	0	5	4	0
13	1	1	3	1	5	1	1	8	3	2	0	1	2	3	2	2	7	0	2	10	2	5	9	1
14	1	2	3	1	6	2	1	10	1	2	2	0	2	5	3	2	9	2	3	1	1	6	2	2
15	1	4	0	1	8	0	2	0	0	2	4	0	2	8	0	3	0	0	3	4	0	6	8	0
16	1	5	0	1	9	1	2	1	2	2	5	3	2	10	0	3	2	1	3	6	2	7	1	1
17	1	6	0	1	10	2	2	3	0	2	7	3	3	0	1	3	4	3	3	9	1	7	6	2
18	1	7	0	2	0	0	2	4	3	2	9	2	3	2	1	3	7	0	4	0	0	8	0	0
19	1	8	1	2	1	1	2	6	1	2	11	2	3	4	2	3	9	2	4	2	2	8	5	1
20	1	9	1	2	2	2	2	8	0	3	1	1	3	6	2	4	0	0	4	5	1	8	10	2
21	1	10	1	2	4	0	2	9	2	3	3	0	3	8	3	4	2	1	4	8	0	9	4	0
22	1	11	1	2	5	1	2	11	0	3	5	0	3	10	3	4	4	3	4	10	2	9	9	1
23	2	0	2	2	6	2	3	0	3	3	6	3	4	1	0	4	7	0	5	1	1	10	2	2
24	2	1	2	2	8	0	3	2	1	3	8	3	4	3	0	4	9	2	5	4	0	10	8	0
25	2	2	2	2	9	1	3	4	0	3	10	2	4	5	1	5	0	0	5	6	2	11	1	1
26	2	3	2	2	10	2	3	5	2	4	0	2	4	7	2	5	2	1	5	9	1	11	6	2
27	2	4	3	3	0	0	3	7	0	4	2	2	4	9	2	5	4	3	6	0	0	12	0	0
28	2	5	3	3	1	1	3	8	3	4	4	1	4	11	3	4	7	0	6	2	2	12	5	1
29	2	6	3	3	2	2	3	10	1	4	6	0	5	1	3	5	9	2	6	5	1	12	10	2
30	2	8	0	3	4	0	4	0	0	4	8	0	5	4	0	6	0	0	6	8	0	13	4	0
Month.	£ s. d.			£ s. d.			£ s. d.			£ s. d.			£ s. d.			£ s. d.			£ s. d.			£ s. d.		
1	0	2	8	0	3	4	0	4	0	0	4	8	0	5	4	0	6	0	0	6	8	0	13	4
2	0	5	4	0	6	8	0	8	0	0	9	4	0	10	8	0	12	0	0	13	4	1	6	8
3	0	8	0	0	10	0	0	12	0	0	14	0	0	16	0	0	18	0	1	0	0	2	0	0
4	0	10	8	0	13	4	0	16	0	0	18	8	1	1	4	1	4	0	1	6	8	2	13	4
5	0	13	4	0	16	8	1	0	0	1	3	4	1	6	8	1	10	0	1	13	4	3	6	8
6	0	16	0	1	0	0	1	4	0	1	8	0	1	12	0	1	16	0	2	0	0	4	0	0
7	0	18	8	1	3	4	1	8	0	1	12	8	1	17	4	2	2	0	2	6	8	4	13	4
8	1	1	4	1	6	8	1	12	0	1	17	4	2	2	8	2	8	0	2	13	4	5	6	8
9	1	4	0	1	10	0	1	16	0	2	2	0	2	8	0	2	14	0	3	0	0	6	0	0
10	1	6	8	1	13	4	2	0	0	2	6	8	2	13	4	3	0	0	3	6	8	6	13	4
11	1	9	4	1	16	8	2	4	0	2	11	4	2	18	8	3	6	0	3	13	4	7	6	8
12	1	12	0	2	0	0	2	8	0	2	16	0	3	4	0	3	12	0	4	0	0	8	0	0

## AN INTEREST TABLE AT £5 PER CENT.

From One Day to a Year, and from One Pound to Two Hundred Pounds.

Days.	£1	£2	£3	£4	£5	£10	£20	£30
	D. F. P.	D. F. P.	D. F. P.	D. F. P.	D. F. P.	D. F. P.	S. D. F.	S. D. F.
1	0 0 0	0 0 0	0 0 1	0 0 1	0 0 2	0 1 1	0 0 2	0 1 0
2	0 0 0	0 0 1	0 0 2	0 1 0	0 1 1	0 2 2	0 1 1	0 2 0
3	0 0 1	0 0 2	0 1 0	0 1 1	0 2 0	1 0 0	0 2 0	0 3 0
4	0 0 1	0 1 0	0 1 1	0 2 0	0 2 2	1 1 1	0 2 2	0 4 0
5	0 0 2	0 1 1	0 2 0	0 2 2	0 3 1	1 2 2	0 3 1	0 5 0
6	0 0 2	0 1 1	0 2 1	0 3 0	1 0 0	2 0 0	0 4 0	0 6 0
7	0 0 2	0 1 2	0 2 2	0 3 2	1 0 2	2 1 1	0 4 2	0 7 0
8	0 1 0	0 2 0	0 3 0	1 0 0	1 1 1	2 2 2	0 5 1	0 8 0
9	0 1 0	0 2 1	0 3 1	1 0 2	1 2 0	3 0 0	0 6 0	0 9 0
10	0 1 1	0 2 2	1 0 0	1 1 1	1 2 2	3 1 1	0 6 2	0 10 0
11	0 1 1	0 2 2	1 0 1	1 1 2	1 3 1	3 2 2	0 7 1	0 11 0
12	0 1 1	0 3 0	1 0 2	1 2 1	2 0 0	4 0 0	0 8 0	1 0 0
13	0 1 2	0 3 1	1 1 0	1 2 2	2 0 2	4 1 1	0 8 2	1 1 0
14	0 1 2	0 3 2	1 1 1	1 3 1	2 1 1	4 2 2	0 9 1	1 2 0
15	0 2 0	1 0 0	1 2 0	2 0 0	2 2 0	5 0 0	0 10 0	1 3 0
16	0 2 0	1 0 0	1 2 1	2 0 1	2 2 2	5 1 1	0 10 2	1 4 0
17	0 2 0	1 0 1	1 2 2	2 1 0	2 3 1	5 2 2	0 11 1	1 5 0
18	0 2 1	1 0 2	1 3 0	2 1 1	3 0 0	6 0 0	1 0 0	1 6 0
19	0 2 1	1 1 0	1 3 1	2 2 0	3 0 2	6 1 1	1 0 2	1 7 0
20	0 2 2	1 1 1	2 0 0	2 2 2	3 1 1	6 2 2	1 1 1	1 8 0
21	0 2 2	1 1 1	2 0 1	2 3 0	3 2 0	7 0 0	1 2 0	1 9 0
22	0 2 2	1 1 2	2 0 2	2 3 2	3 2 2	7 1 1	1 2 2	1 10 0
23	0 3 0	1 2 0	2 1 0	3 0 0	3 3 1	7 2 2	1 3 1	1 11 0
24	0 3 0	1 2 1	2 1 1	3 0 2	4 0 0	8 0 0	1 4 0	2 0 0
25	0 3 1	1 2 2	2 2 0	3 1 1	4 0 2	8 1 1	1 4 2	2 1 0
26	0 3 1	1 2 2	2 2 1	3 1 2	4 1 1	8 2 2	1 5 1	2 2 0
27	0 3 1	1 3 0	2 2 2	3 2 1	4 2 0	9 0 0	1 6 0	2 3 0
28	0 3 2	1 3 1	2 3 0	3 2 2	4 2 2	9 1 1	1 6 2	2 4 0
29	0 3 2	1 3 2	2 3 1	3 3 1	4 3 1	9 2 2	1 7 1	2 5 0
30	1 0 0	2 0 0	3 0 0	4 0 0	5 0 0	10 0 0	1 8 0	2 6 0
Month.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	£ s. d.	£ s. d.
1	0 1	0 2	0 3	0 4	0 5	0 10	0 1 8	0 2 6
2	0 2	0 4	0 6	0 8	0 10	1 8	0 3 4	0 5 0
3	0 3	0 6	0 9	1 0	1 3	2 6	0 5 0	0 7 6
4	0 4	0 8	1 0	1 4	1 8	3 4	0 6 8	0 10 0
5	0 5	0 10	1 3	1 8	2 1	4 2	0 8 4	0 12 6
6	0 6	1 0	1 6	2 0	2 6	5 0	0 10 0	0 15 0
7	0 7	1 2	1 9	2 4	2 11	5 10	0 11 8	0 17 6
8	0 8	1 4	2 0	2 8	3 4	6 8	0 13 4	1 0 0
9	0 9	1 6	2 3	3 0	3 9	7 6	0 15 0	1 2 6
10	0 10	1 8	2 6	3 4	4 2	8 4	0 16 8	1 5 0
11	0 11	1 10	2 9	3 8	4 7	9 2	0 18 4	1 7 6
12	1 0	2 0	3 0	4 0	5 0	10 0	1 0 0	1 10 0

Days.	£40	£50	£60	£70	£80	£90	£100	£200
	S. D. F.	S. D. F.	S. D.	S. D. F.	S. D. F.	S. D.	S. D. F.	S. D. F.
1	0 1 $\frac{1}{3}$	0 1 $\frac{2}{3}$	0 2	0 2 $\frac{1}{3}$	0 2 $\frac{2}{3}$	0 3	0 3 $\frac{1}{3}$	0 6 $\frac{2}{3}$
2	0 2 $\frac{2}{3}$	0 3 $\frac{1}{3}$	0 4	0 4 $\frac{2}{3}$	0 5 $\frac{1}{3}$	0 6	0 6 $\frac{2}{3}$	1 1 $\frac{1}{3}$
3	0 4	0 5	0 6	0 7	0 8	0 9	0 10	1 8
4	0 5 $\frac{1}{3}$	0 6 $\frac{2}{3}$	0 8	0 9 $\frac{1}{3}$	0 10 $\frac{2}{3}$	1 0	1 1 $\frac{1}{3}$	2 2 $\frac{2}{3}$
5	0 6 $\frac{2}{3}$	0 8 $\frac{1}{3}$	0 10	0 11 $\frac{2}{3}$	1 1 $\frac{1}{3}$	1 3	1 4 $\frac{2}{3}$	2 9 $\frac{1}{3}$
6	0 8	0 10	1 0	1 2	1 4	1 6	1 8	3 4
7	0 9 $\frac{1}{3}$	0 11 $\frac{2}{3}$	1 2	1 4 $\frac{1}{3}$	1 6 $\frac{2}{3}$	1 9	1 11 $\frac{1}{3}$	3 10 $\frac{2}{3}$
8	0 10 $\frac{2}{3}$	1 1 $\frac{1}{3}$	1 4	1 6 $\frac{2}{3}$	1 9 $\frac{1}{3}$	2 0	2 2 $\frac{2}{3}$	4 5
9	1 0	1 3	1 6	1 9	2 0	2 3	2 6	5 0
10	1 1 $\frac{1}{3}$	1 4 $\frac{2}{3}$	1 8	1 11 $\frac{2}{3}$	2 2 $\frac{1}{3}$	2 6	2 9	5 6 $\frac{2}{3}$
11	1 2 $\frac{2}{3}$	1 6 $\frac{1}{3}$	1 10	2 1 $\frac{2}{3}$	2 5 $\frac{1}{3}$	2 9	3 0 $\frac{2}{3}$	6 1 $\frac{1}{3}$
12	1 4	1 8	2 0	2 4	2 8	3 0	3 4	6 8
13	1 5 $\frac{1}{3}$	1 9 $\frac{2}{3}$	2 2	2 6 $\frac{1}{3}$	2 10 $\frac{2}{3}$	3 3	3 7 $\frac{1}{3}$	7 2 $\frac{2}{3}$
14	1 6 $\frac{2}{3}$	1 11 $\frac{1}{3}$	2 4	2 8 $\frac{2}{3}$	3 1 $\frac{1}{3}$	3 6	3 10 $\frac{2}{3}$	7 9 $\frac{1}{3}$
15	1 8	2 1	2 6	2 11	3 4	3 9	4 2	8 4
16	1 9 $\frac{1}{3}$	2 2 $\frac{2}{3}$	2 8	3 1 $\frac{1}{3}$	3 6 $\frac{2}{3}$	4 0	4 5 $\frac{1}{3}$	8 10 $\frac{2}{3}$
17	1 10 $\frac{2}{3}$	2 4 $\frac{1}{3}$	2 10	3 3 $\frac{2}{3}$	3 9 $\frac{1}{3}$	4 3	4 8 $\frac{2}{3}$	9 5
18	2 0	2 6	3 0	3 6	4 0	4 6	5 0	10 0
19	2 1 $\frac{1}{3}$	2 7 $\frac{2}{3}$	3 2	3 8 $\frac{1}{3}$	4 2 $\frac{2}{3}$	4 9	5 3 $\frac{1}{3}$	10 6 $\frac{2}{3}$
20	2 2 $\frac{2}{3}$	2 9 $\frac{1}{3}$	3 4	3 10 $\frac{2}{3}$	4 5 $\frac{1}{3}$	5 0	5 6 $\frac{2}{3}$	11 1 $\frac{1}{3}$
21	2 4	2 11	3 6	4 1	4 8	5 3	5 10	11 8
22	2 5 $\frac{1}{3}$	3 0 $\frac{2}{3}$	3 8	4 3 $\frac{1}{3}$	4 10 $\frac{2}{3}$	5 6	6 1 $\frac{1}{3}$	12 2 $\frac{2}{3}$
23	2 6 $\frac{2}{3}$	3 2 $\frac{1}{3}$	3 10	4 5 $\frac{2}{3}$	5 1 $\frac{1}{3}$	5 9	6 4 $\frac{2}{3}$	12 9 $\frac{1}{3}$
24	2 8	3 4	4 0	4 8	5 4	6 0	6 8	13 4
25	2 9 $\frac{1}{3}$	3 5 $\frac{2}{3}$	4 2	4 10 $\frac{1}{3}$	5 6 $\frac{2}{3}$	6 3	6 11 $\frac{1}{3}$	13 10 $\frac{2}{3}$
26	2 10 $\frac{2}{3}$	3 7 $\frac{1}{3}$	4 4	5 0 $\frac{2}{3}$	5 9 $\frac{1}{3}$	6 6	7 2 $\frac{2}{3}$	14 5 $\frac{1}{3}$
27	3 0	3 9	4 6	5 3	6 0	6 9	7 6	15 0
28	3 1 $\frac{1}{3}$	3 10 $\frac{2}{3}$	4 8	5 5 $\frac{1}{3}$	6 2 $\frac{2}{3}$	7 0	7 9 $\frac{1}{3}$	15 6 $\frac{2}{3}$
29	3 2 $\frac{2}{3}$	4 0 $\frac{1}{3}$	4 10	5 7 $\frac{2}{3}$	6 5 $\frac{1}{3}$	7 3	8 0 $\frac{2}{3}$	16 1 $\frac{1}{3}$
30	3 4	4 2	5 0	5 10	6 8	7 6	8 4	16 8
Month.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1	0 3 4	0 4 2	0 5 0	0 5 10	0 6 8	0 7 6	0 8 4	0 16 8
2	0 6 8	0 8 4	0 10 0	0 11 8	0 13 4	0 15 0	0 16 8	1 13 4
3	0 10 0	0 12 6	0 15 0	0 17 6	1 0 0	1 2 6	1 5 0	2 10 0
4	0 13 4	0 16 8	1 0 0	1 3 4	1 6 8	1 10 0	1 13 4	3 6 8
5	0 16 8	1 0 10	1 5 0	1 9 2	1 13 4	1 17 6	2 1 8	4 3 4
6	1 0 0	1 5 0	1 10 0	1 15 0	2 0 0	2 5 0	2 10 0	5 0 0
7	1 3 4	1 9 2	1 15 0	2 0 10	2 6 8	2 12 6	2 18 4	5 16 8
8	1 6 8	1 13 4	2 0 0	2 6 8	2 13 4	3 0 0	3 6 8	6 13 4
9	1 10 0	1 17 6	2 5 0	2 12 6	3 0 0	3 7 6	3 15 0	7 10 0
10	1 13 4	2 1 8	2 10 0	2 18 4	3 6 8	3 15 0	4 3 4	8 6 8
11	1 16 8	2 5 10	2 15 0	3 4 2	3 13 4	4 2 6	4 11 8	9 3 4
12	2 0 0	2 10 0	3 0 0	3 10 0	4 0 0	4 10 0	5 0 0	10 0 0



## A

## DISCOUNT TABLE,

From  $2\frac{1}{2}$  per Cent. to 40 per Cent., and from One Shilling and Eight Pence to Two Hundred Pounds.

			2½	5	7½	10	12½	15	17½	20	
£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
0	1	8	0	0	0½	0	0	1	0	0	1½
0	3	4	0	0	1	0	0	2	0	0	3
0	5	0	0	0	1½	0	0	3	0	0	4½
0	6	8	0	0	2	0	0	4	0	0	6
0	8	4	0	0	2½	0	0	5	0	0	7½
0	10	0	0	0	3	0	0	6	0	0	8
0	15	0	0	0	4½	0	0	9	0	0	11½
1	0	0	0	0	6	0	1	0	0	1	0
2	0	0	0	1	0	0	2	0	0	2	0
3	0	0	0	1	6	0	3	0	0	3	6
4	0	0	0	2	0	0	4	0	0	4	0
5	0	0	0	2	6	0	5	0	0	5	6
6	0	0	0	3	0	0	6	0	0	6	0
7	0	0	0	3	6	0	7	0	0	7	6
8	0	0	0	4	0	0	8	0	0	8	0
9	0	0	0	4	6	0	9	0	0	9	6
10	0	0	0	5	0	0	10	0	0	10	0
11	0	0	0	5	6	0	11	0	0	11	6
12	0	0	0	6	0	0	12	0	0	12	0
13	0	0	0	6	6	0	13	0	0	13	6
14	0	0	0	7	0	0	14	0	0	14	0
15	0	0	0	7	6	0	15	0	0	15	6
16	0	0	0	8	0	0	16	0	0	16	0
17	0	0	0	8	6	0	17	0	0	17	6
18	0	0	0	9	0	0	18	0	0	18	0
19	0	0	0	9	6	0	19	0	0	19	6
20	0	0	0	10	0	0	20	0	0	20	0
30	0	0	0	15	0	0	30	0	0	30	0
40	0	0	1	0	0	0	40	0	0	40	0
50	0	0	1	5	0	0	50	0	0	50	0
60	0	0	1	10	0	0	60	0	0	60	0
70	0	0	1	15	0	0	70	0	0	70	0
80	0	0	2	0	0	0	80	0	0	80	0
90	0	0	2	5	0	0	90	0	0	90	0
100	0	0	2	10	0	0	100	0	0	100	0
200	0	0	5	0	0	0	200	0	0	200	0

A DISCOUNT TABLE, FROM  $2\frac{1}{2}$  TO 40 PER CENT.

	22 $\frac{1}{2}$	25	27 $\frac{1}{2}$	30	32 $\frac{1}{2}$	35	37 $\frac{1}{2}$	40
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s.
0 1 8	0 0 4 $\frac{1}{2}$	0 0 5	0 0 5 $\frac{1}{2}$	0 0 6	0 0 6 $\frac{1}{2}$	0 0 7	0 0 7 $\frac{1}{2}$	0 0
0 3 4	0 0 9	0 0 10	0 0 11	0 1 0	0 1 1	0 1 2	0 1 3	0 1
0 5 0	0 1 1 $\frac{1}{2}$	0 1 3	0 1 4 $\frac{1}{2}$	0 1 6	0 1 7 $\frac{1}{2}$	0 1 9	0 1 10 $\frac{1}{2}$	0 2
0 6 8	0 1 6	0 1 8	0 1 10	0 2 0	0 2 2	0 2 4	0 2 6	0 2
0 8 4	0 1 10 $\frac{1}{2}$	0 2 1	0 2 3 $\frac{1}{2}$	0 2 6	0 2 8 $\frac{1}{2}$	0 2 11	0 3 1 $\frac{1}{2}$	0 3
0 10 0	0 2 3	0 2 6	0 2 9	0 3 0	0 3 3	0 3 6	0 3 9	0 4
0 15 0	0 3 4 $\frac{1}{2}$	0 3 9	0 4 1 $\frac{1}{2}$	0 4 6	0 4 10 $\frac{1}{2}$	0 5 3	0 5 7 $\frac{1}{2}$	0 6
1 0 0	0 4 6	0 5 0	0 5 6	0 6 0	0 6 6	0 7 0	0 7 6	0 8
2 0 0	0 9 0	0 10 0	0 11 0	0 12 0	0 13 0	0 14 0	0 15 0	0 16
3 0 0	0 13 6	0 15 0	0 16 6	0 18 0	0 19 6	1 1 0	1 2 6	1 4
4 0 0	0 18 0	1 0 0	1 2 0	1 4 0	1 6 0	1 8 0	1 10 0	1 12
5 0 0	1 2 6	1 5 0	1 7 6	1 10 0	1 12 6	1 15 6	1 17 6	2 0
6 0 0	1 7 0	1 10 0	1 13 0	1 16 0	1 19 0	2 2 0	2 5 0	2 8
7 0 0	1 11 6	1 15 0	1 18 6	2 2 0	2 5 6	2 9 0	2 12 6	2 16
8 0 0	1 16 0	2 0 0	2 4 0	2 8 0	2 12 0	2 16 0	3 0 0	3 4
9 0 0	2 0 6	2 5 0	2 9 6	2 14 0	2 18 6	3 3 0	3 7 6	3 12
10 0 0	2 5 0	2 10 0	2 15 0	3 0 0	3 5 0	3 10 0	3 15 0	4 0
11 0 0	2 9 6	2 15 0	3 0 6	3 6 0	3 11 6	3 17 0	4 2 6	4 8
12 0 0	2 14 0	3 0 0	3 6 0	3 12 0	3 18 0	4 4 0	4 10 0	4 16
13 0 0	2 18 6	3 5 0	3 11 6	3 18 0	4 4 6	4 11 0	4 17 6	5 4
14 0 0	3 3 0	3 10 0	3 17 0	4 4 0	4 11 0	4 18 0	5 5 0	5 12
15 0 0	3 7 6	3 15 0	4 2 6	4 10 0	4 17 6	5 5 0	5 12 6	6 0
16 0 0	3 12 0	4 0 0	4 8 0	4 16 0	5 4 0	5 12 0	6 0 0	6 8
17 0 0	3 16 6	4 5 0	4 13 6	5 2 0	5 10 6	5 19 0	6 7 6	6 16
18 0 0	4 1 0	4 10 0	4 19 0	5 8 0	5 17 0	6 6 0	6 15 0	7 4
19 0 0	4 5 6	4 15 0	5 4 6	5 14 0	6 3 6	6 13 0	7 2 6	7 12
20 0 0	4 10 0	5 0 0	5 10 0	6 0 0	6 10 0	7 0 0	7 10 0	8 0
30 0 0	6 15 0	7 10 0	8 5 0	9 0 0	9 15 0	10 10 0	11 5 0	12 0
40 0 0	9 0 0	10 0 0	11 0 0	12 0 0	13 0 0	14 0 0	15 0 0	16 0
50 0 0	11 5 0	12 10 0	13 15 0	15 0 0	16 5 0	17 10 0	18 15 0	20 0
60 0 0	13 10 0	15 0 0	16 10 0	18 0 0	19 10 0	21 0 0	22 10 0	24 0
70 0 0	15 15 0	17 10 0	19 5 0	21 0 0	22 15 0	24 10 0	26 5 0	28 0
80 0 0	18 0 0	20 0 0	22 0 0	24 0 0	26 0 0	28 0 0	30 0 0	32 0
90 0 0	20 5 0	22 10 0	24 15 0	27 0 0	29 5 0	31 10 0	33 15 0	36 0
100 0 0	22 10 0	25 0 0	27 10 0	30 0 0	32 10 0	35 0 0	37 10 0	40 0
200 0 0	45 0 0	50 0 0	55 0 0	60 0 0	65 0 0	70 0 0	75 0 0	80 0

# A TABLE

Of the SPECIFIC GRAVITIES of BODIES in Avoirdupoise Ounces to a Foot Cube.

## SOLIDS.

Fine Gold.....	19·648	Horn.....	1·840
Standard Gold.....	18·888	Brimstone.....	1·800
Fine Silver.....	11·092	Chalk.....	1·793
Standard Silver.....	10·536	Borax.....	1·717
Steel.....	7·850	Alum.....	1·714
Pewter.....	7·471	Clay.....	1·712
Tin.....	7·320	Dry Bones.....	1·660
Lead Ore.....	6·200	Sand.....	1·520
Copper Ore.....	5·167	Gum Arabic.....	1·400
Lapis Calaminaris.....	5·000	Opium.....	1·350
Loadstone.....	4·930	Lignum Vitæ.....	1·327
Crude Antimony.....	4·000	Coal.....	1·250
Diamond.....	3·517	Coral.....	1·210
White Lead.....	3·160	Ebony.....	1·177
Coral.....	2·700	Pitch.....	1·150
Jasper.....	2·666	Resin.....	1·100
Pearl.....	2·630	Amber.....	1·040
Glass.....	2·600	Brazil Wood.....	1·031
Flint.....	2·570	Bees-Wax.....	·955
Common Stone.....	2·500	Butter.....	·940
Glauber Salts.....	2·250	Logwood.....	·913
Oyster Shells.....	2·092	Ice.....	·908
Brick.....	2·000	Plum-Tree dry.....	·826
Earth.....	1·984	Yew-Tree.....	·760
Nitre.....	1·900	Crab-Tree.....	·700
Vitriol.....	1·880	Cork.....	·238
Alabaster.....	1·874	New-fallen Snow.....	·082

## FLUIDS.

Quicksilver.....	14·000	Human Blood.....	1·154
Oil of Vitriol.....	1·700	Sack.....	1·033
Oil of Tartar.....	1·550	Milk.....	1·031
Honey.....	1·450	Sea Water.....	1·030
Spirits of Nitre.....	1·315	Ale.....	1·028
Aqua Fortis.....	1·300	Vinegar.....	1·026
Treacle.....	1·290	Tar.....	1·015
Aqua Regia.....	1·234	Water.....	1·000

In this Table you have the mean Specific Gravities, for there is a difference in different pieces of the same sort of bodies, by reason of their various goodness, fineness, compactness, texture, dryness, being more or less free from mixture, &c. and sometimes by a greater degree of heat or cold, which affects all bodies a little.

# A TABLE OF WEIGHTS, MEASURES, ETC.

USED BY

BUILDERS, LAND-SURVEYORS, ETC.

---

A Load of unhewed Timber.....	is	40	Feet.
A Load of Squared Timber.....		50	do.
A Load of Inch Board.....		600	Square Feet.
A Load of Inch and a Half Plank.....		400	do.
A Load of Two Inch Plank.....		300	do.
A Load of Two and a Half Inch Plank.....		240	do.
A Load of Three Inch Plank.....		200	do.
A Load of Four Inch Plank.....		150	do.
A Hundred of Deals.....		120	
A Hundred of Nails.....		120	
A Thousand of Nails.....		1200	
A Ton of Iron.....		2240	Pounds.
A Fodder of Lead.....		19½	Cwt. or 2184 Pounds.
A Hundred of Lead.....		112	Pounds.
A Stone of Glass.....		5	do.
A Seam of Glass.....		24	Stones.
A Load of Bricks.....		500	
A Load of Tiles.....		1000	
A Load of Lime.....		32	Bushels.
A Load of Sand.....		36	do.
A Palm.....		3	Inches.
A Hand.....		4	do.
A Span.....		9	do.
A Lineal Foot.....		12	do.
A Square Foot.....		144	do.
A Cubical Foot.....		1728	do.
A Cubit.....		1½	Foot.
A Yard.....		36	Inches.
A Square Yard.....		9	Feet
A Cubical Yard.....		27	Cubical Feet.
A Geometrical Pace.....		5	Feet.
A Fathom.....		6	do. or 2 Yards.
A Square.....		100	do.
A Pole or Rod.....		16½	do.
A Chain.....		4	Poles or Rods.



## STAMP DUTIES,

Which commenced on the 1st of September, 1815.

### INLAND BILLS AND NOTES,

Not exceeding Two Months after Date, or Sixty Days after Sight.						For a longer Period.			
If Above	£	s.		£	s.	d.	£	s.	d.
_____	2	0	} And not exceeding	5	5	1 0	0	1	6
_____	5	5		20	0	1 6	0	2	0
_____	20	0		30	0	2 0	0	2	6
_____	30	0		50	0	2 6	0	3	6
_____	50	0		100	0	3 6	0	4	6
_____	100	0		200	0	4 6	0	5	0
_____	200	0		300	0	5 0	0	6	0
_____	300	0		500	0	6 0	0	8	6
_____	500	0		1000	0	8 6	0	12	6
_____	1000	0		2000	0	12 6	0	15	0
_____	2000	0		3000	0	15 0	1	5	0

### RECEIPTS.

£	£	s.	d.
2	5	0	2
5	10	0	3
10	20	0	6
20	50	1	0
50	100	1	6
100	200	2	6
200	300	4	0
300	500	5	0
500	1000	7	6
1000 or upwards		10	0

Receipts in full of all Demands, 10s.

N.B. The Person receiving the Money may be compelled to pay the Duty.

THE END.









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